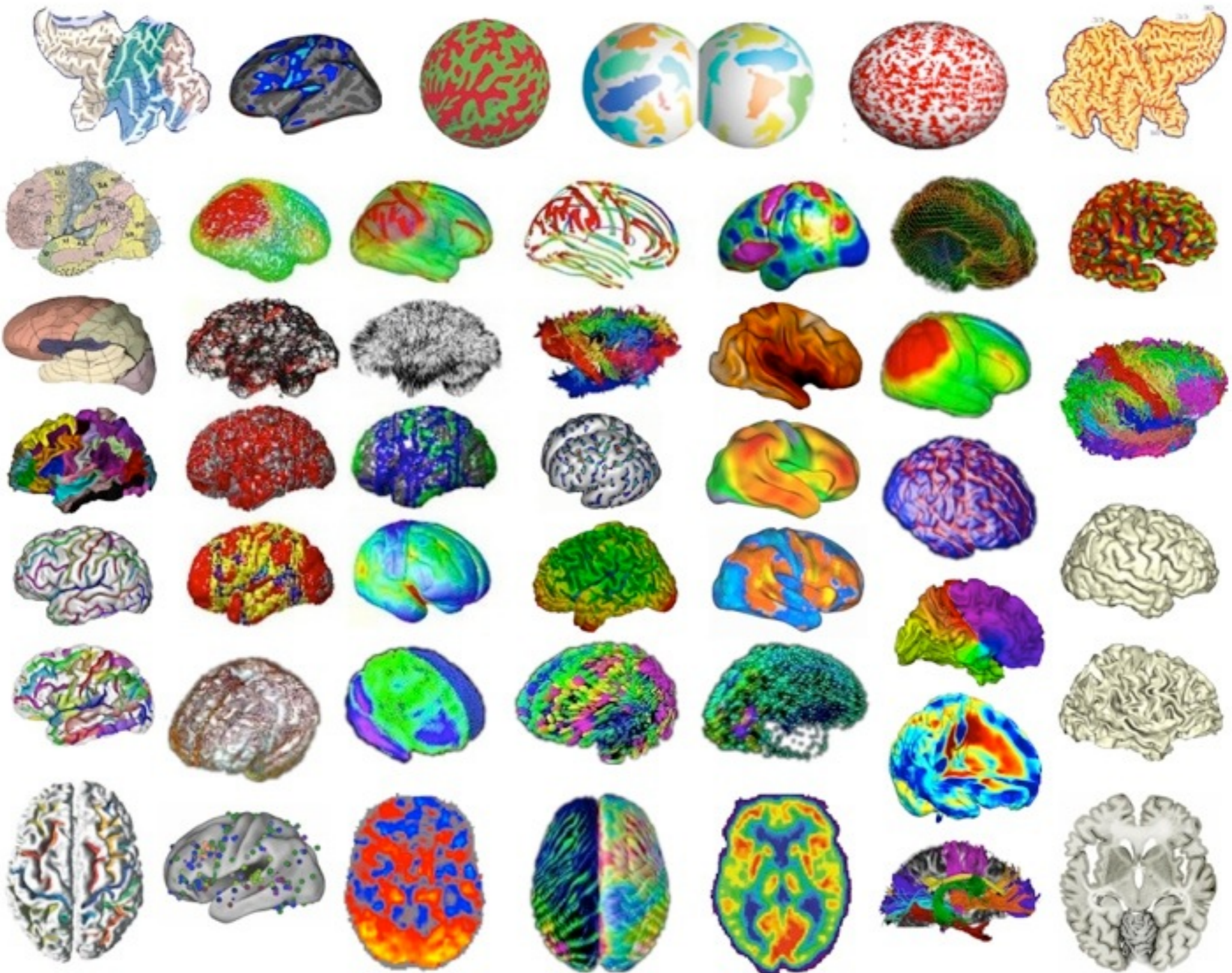


Mindboggling Brains!

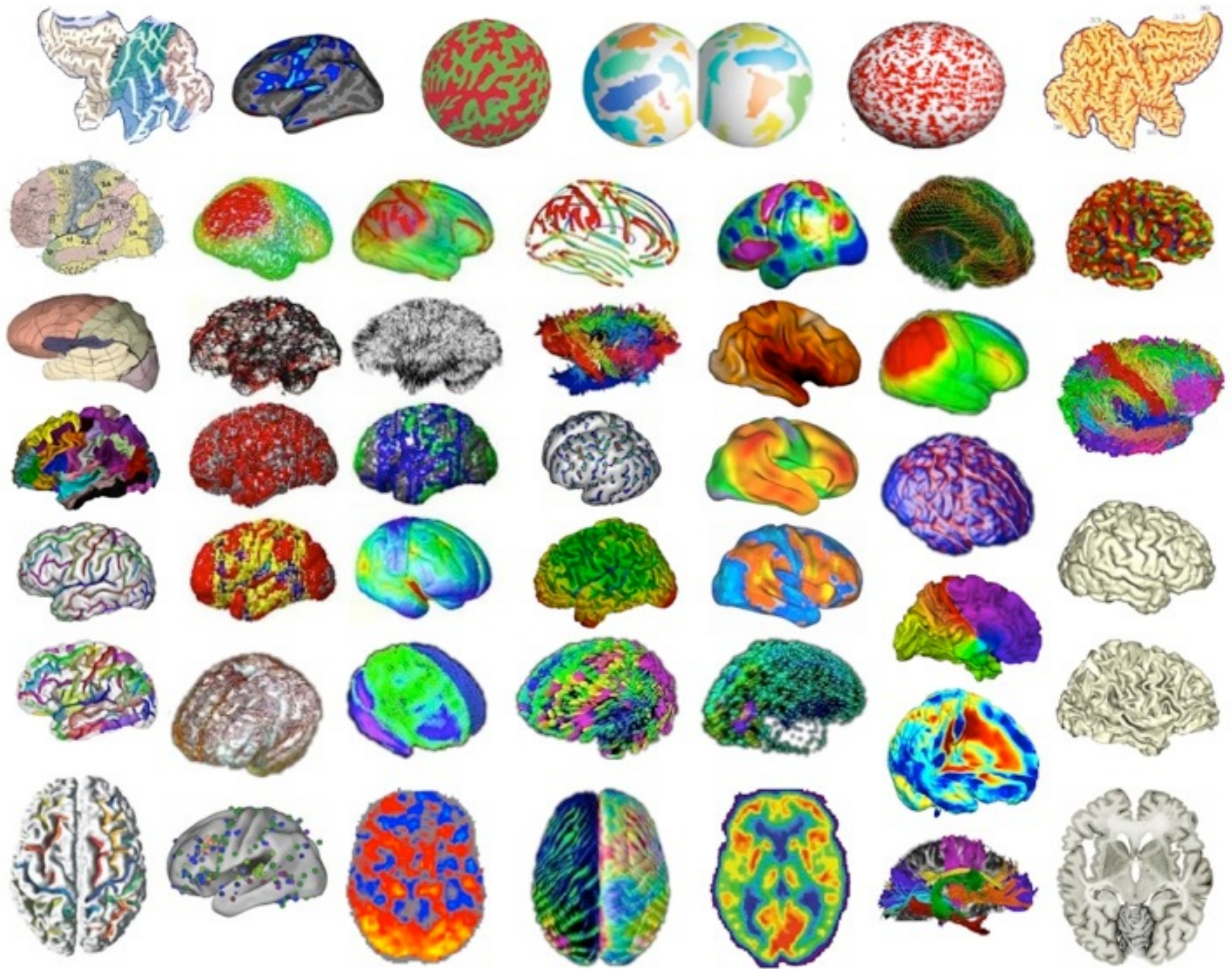


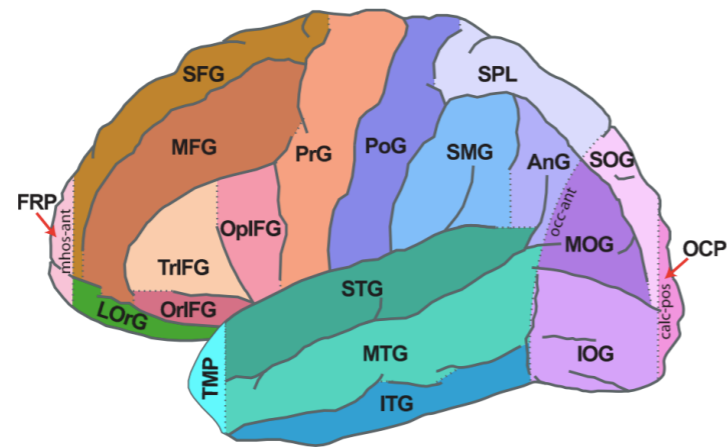
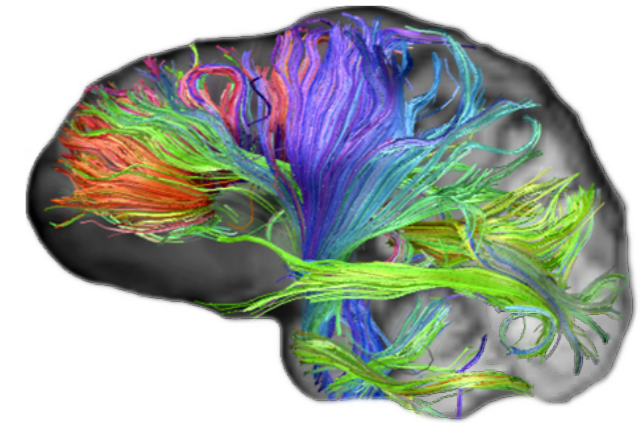
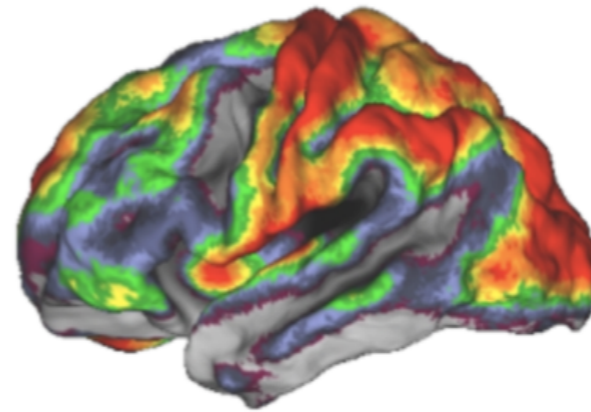
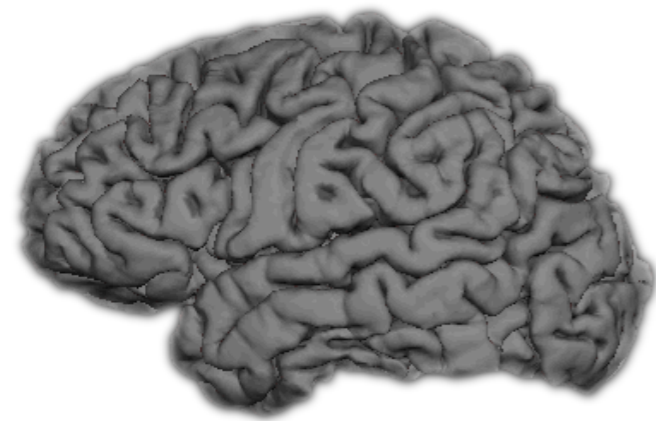


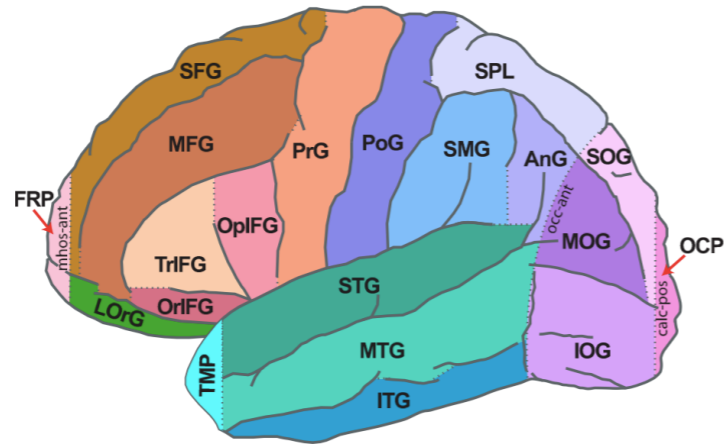
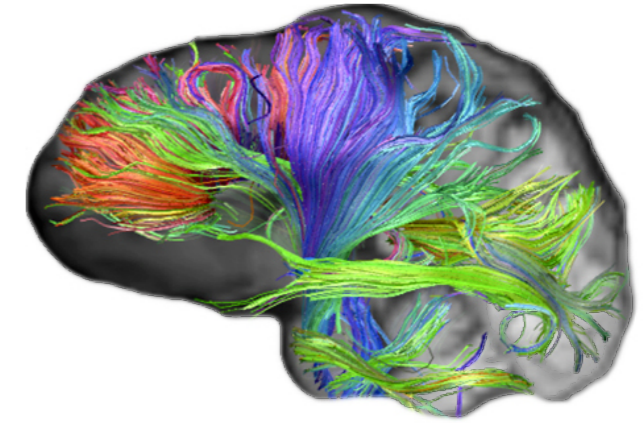
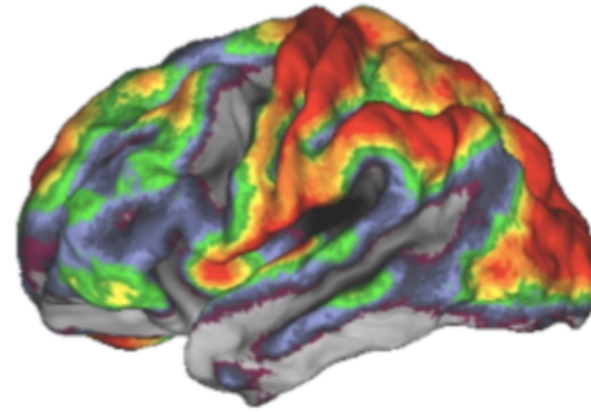


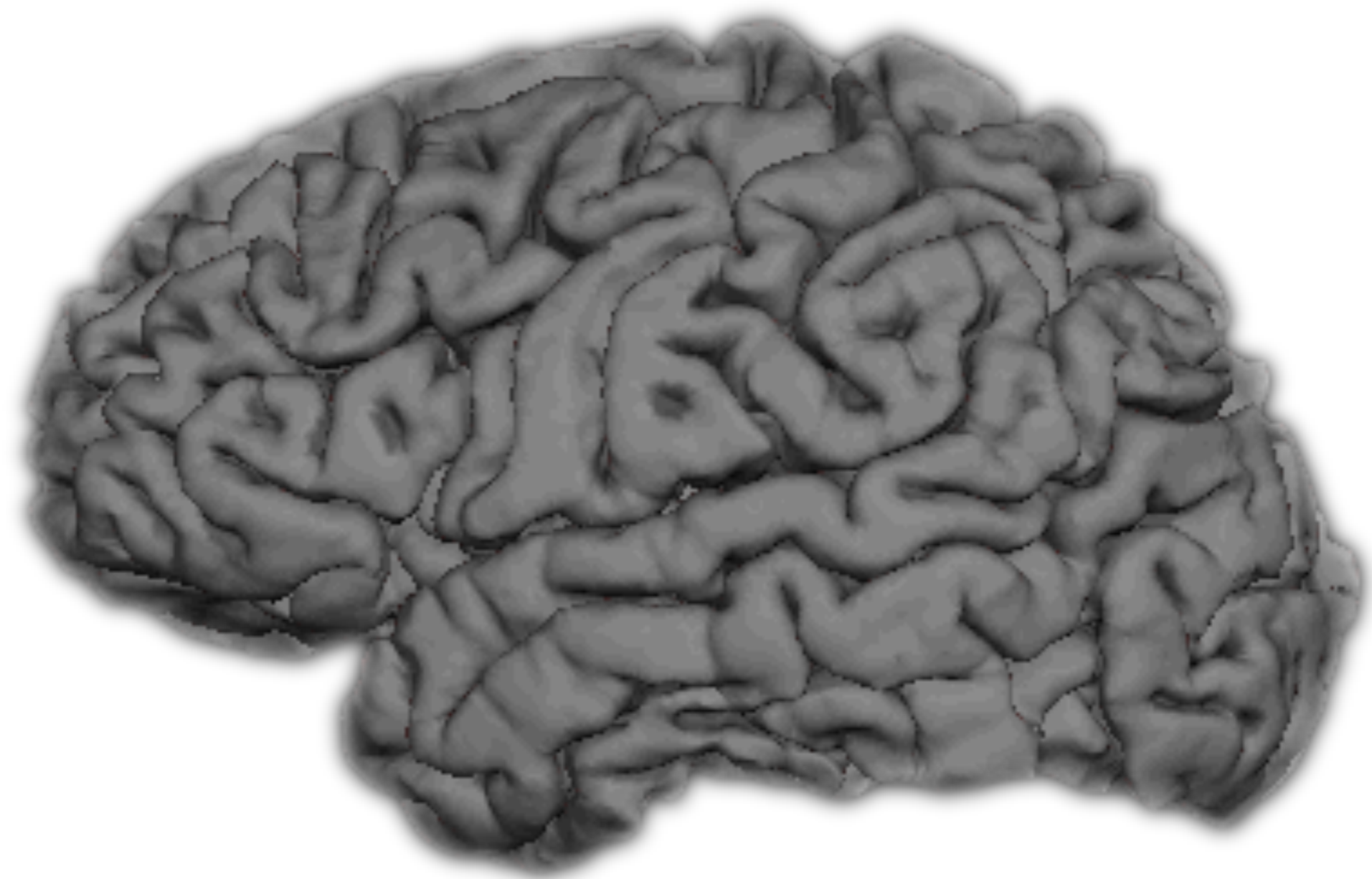






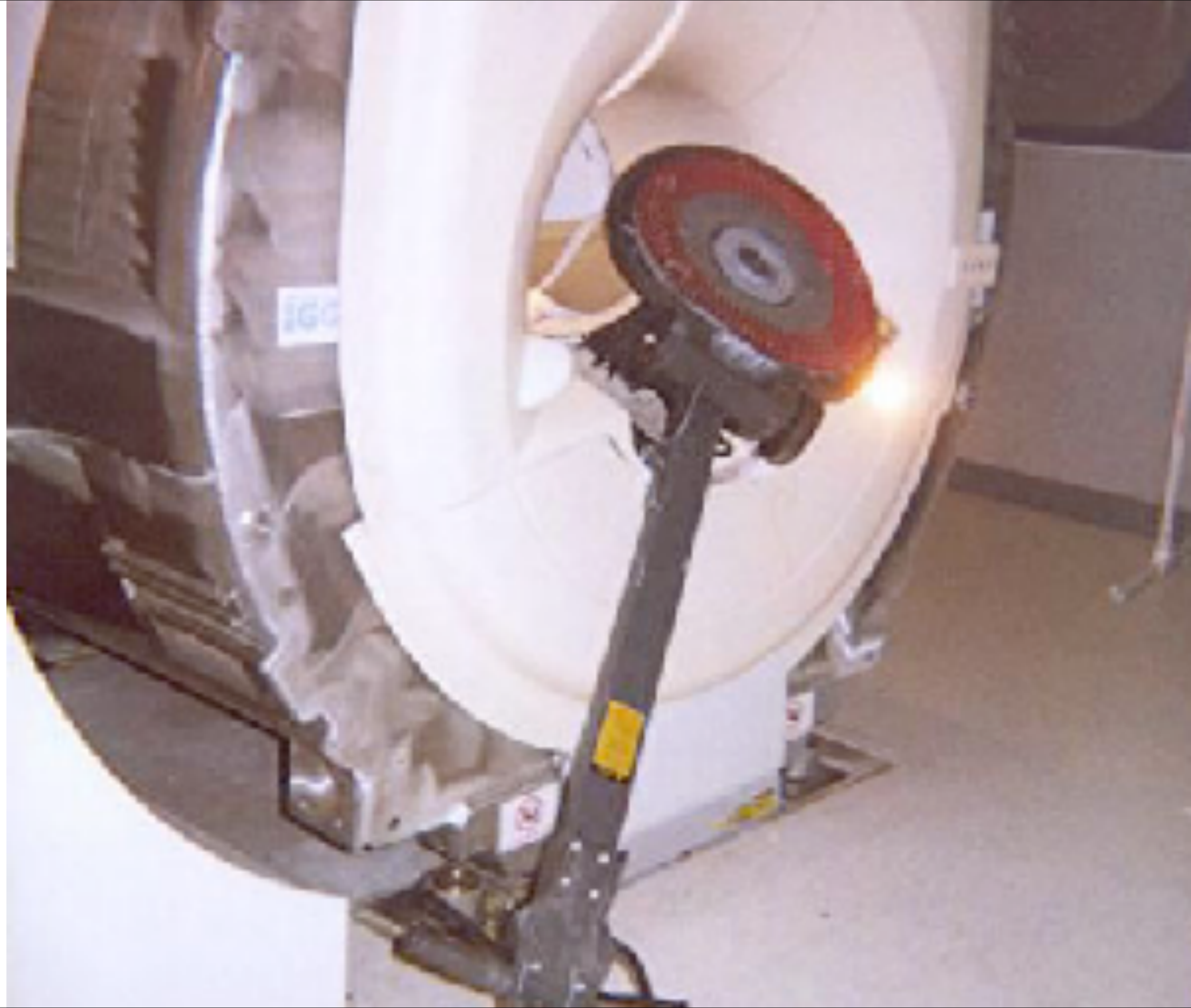














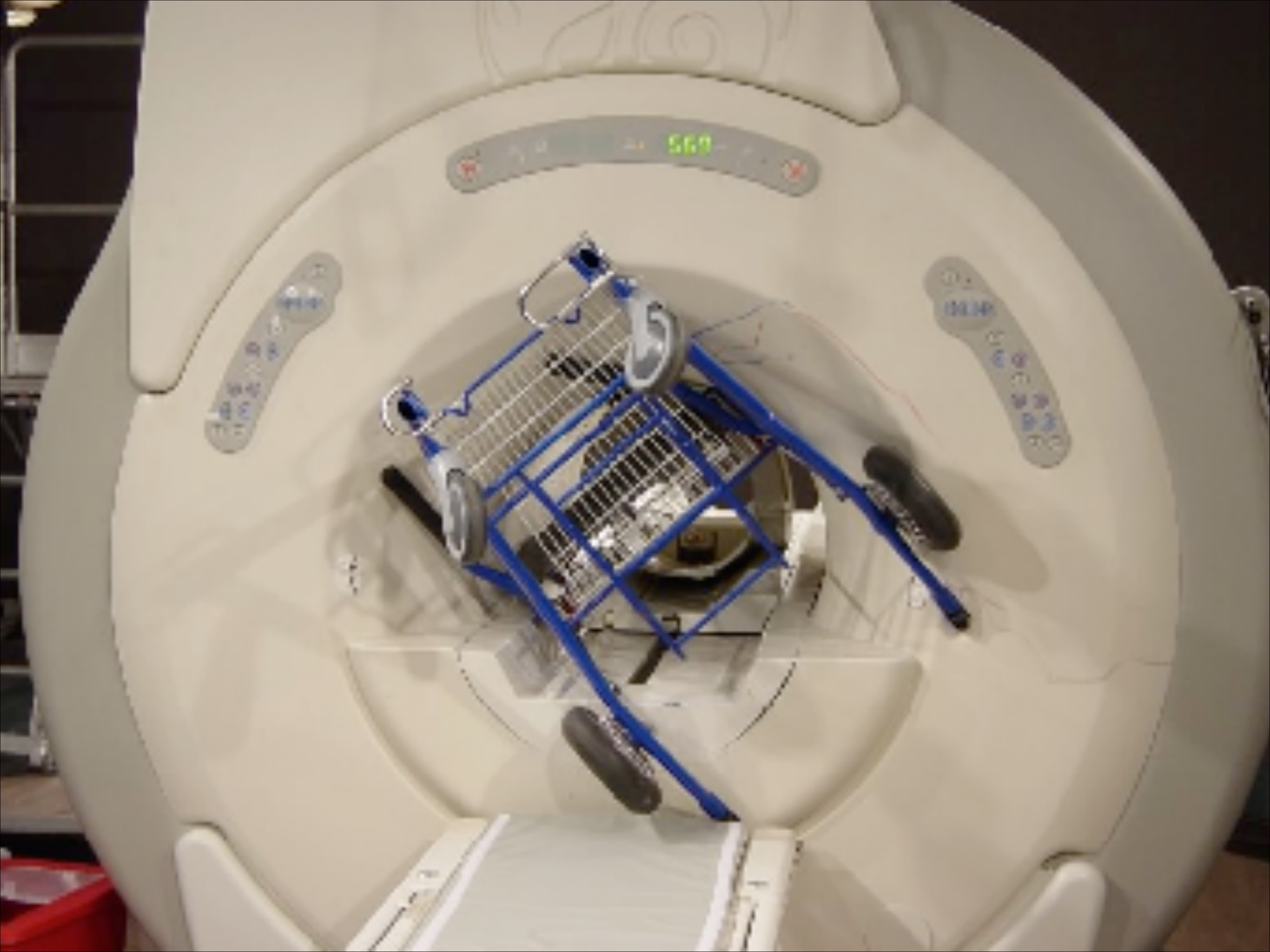














■ CYTOSCAN S15/405



PHILIPS

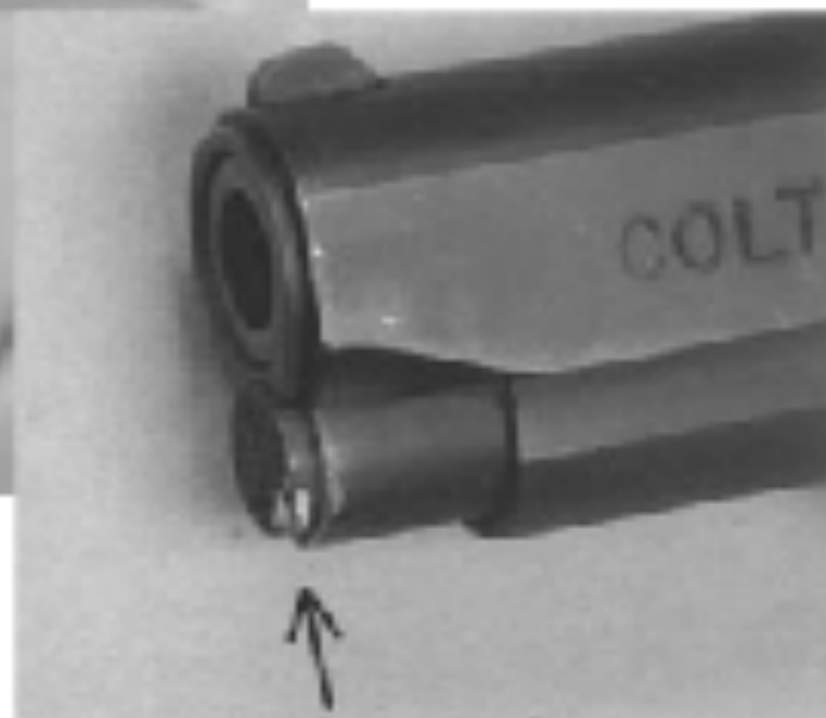
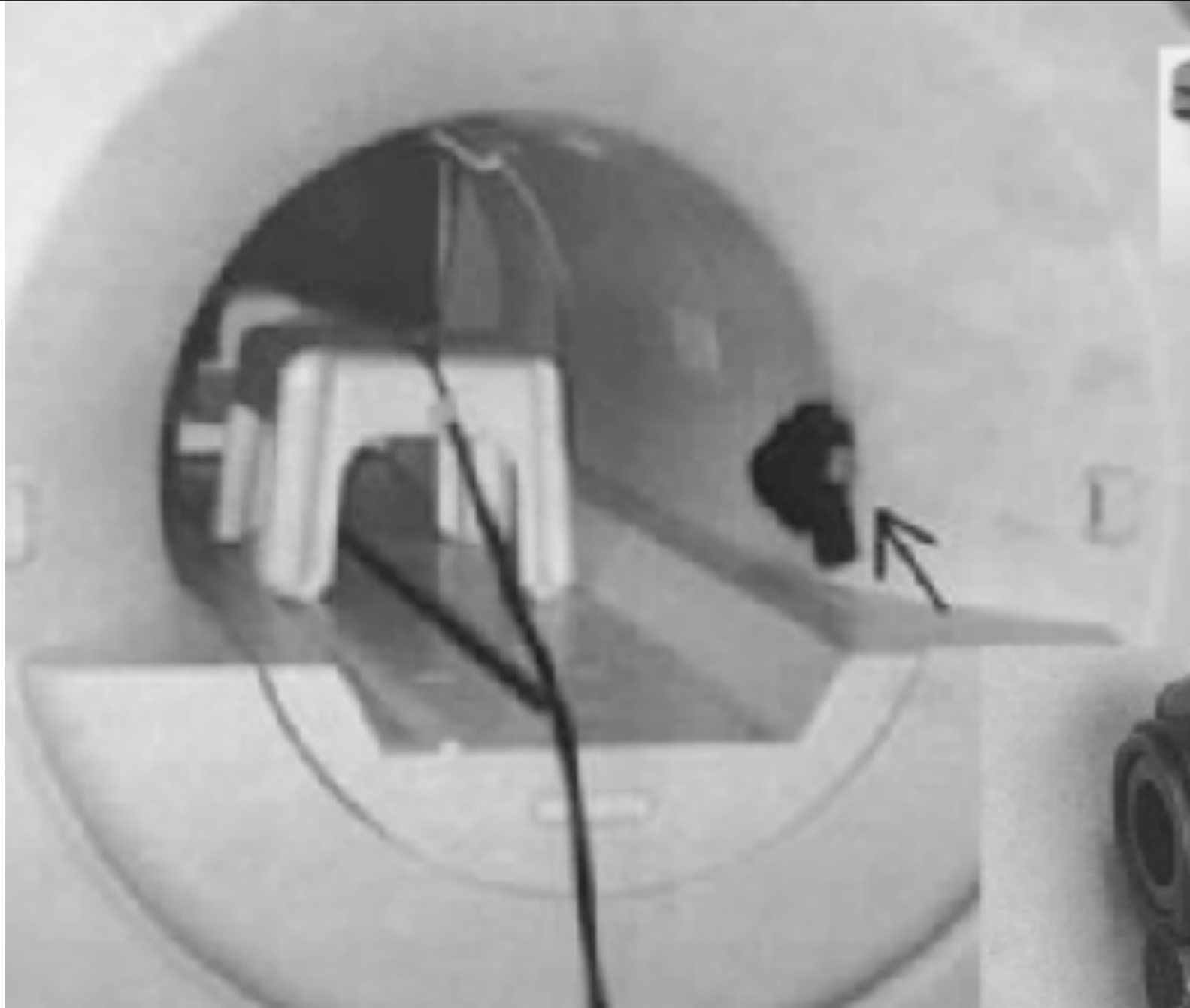


PHILIPS
CYTOSCAN S15/405









American Journal
of Roentgenology

Spontaneous Discharge of a Firearm in an MR Imaging Environment

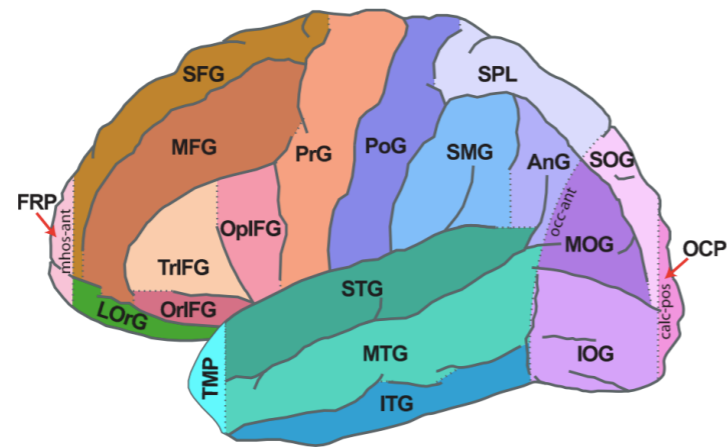
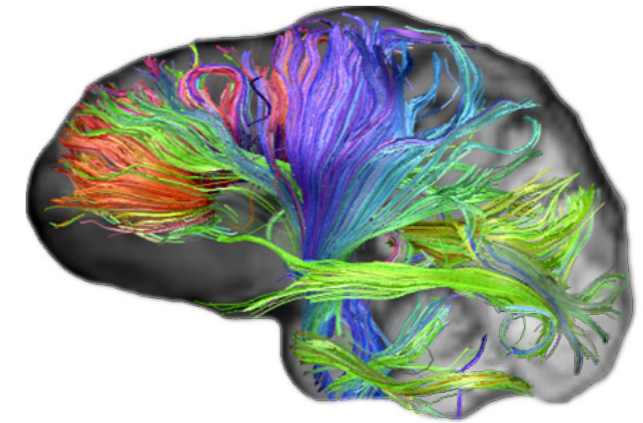
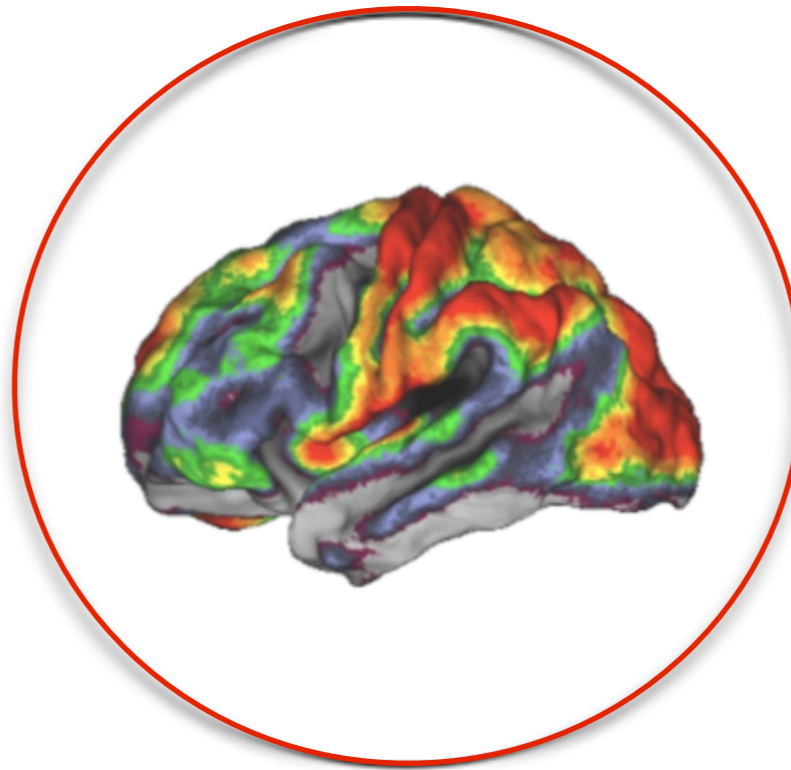
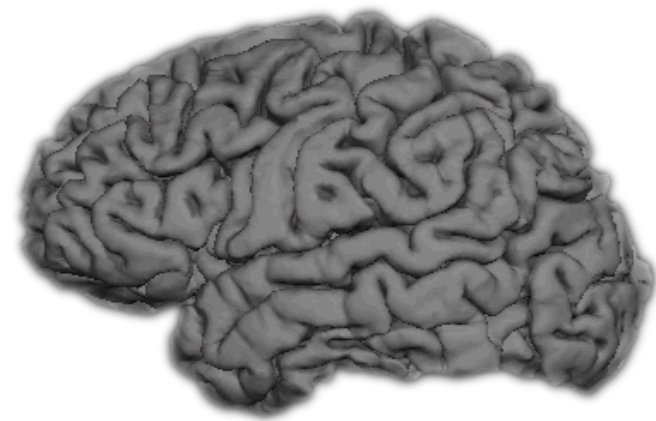
Anton Oscar Beitia¹, Steven P. Meyers¹, Emanuel Kanal² and
William Bartell³

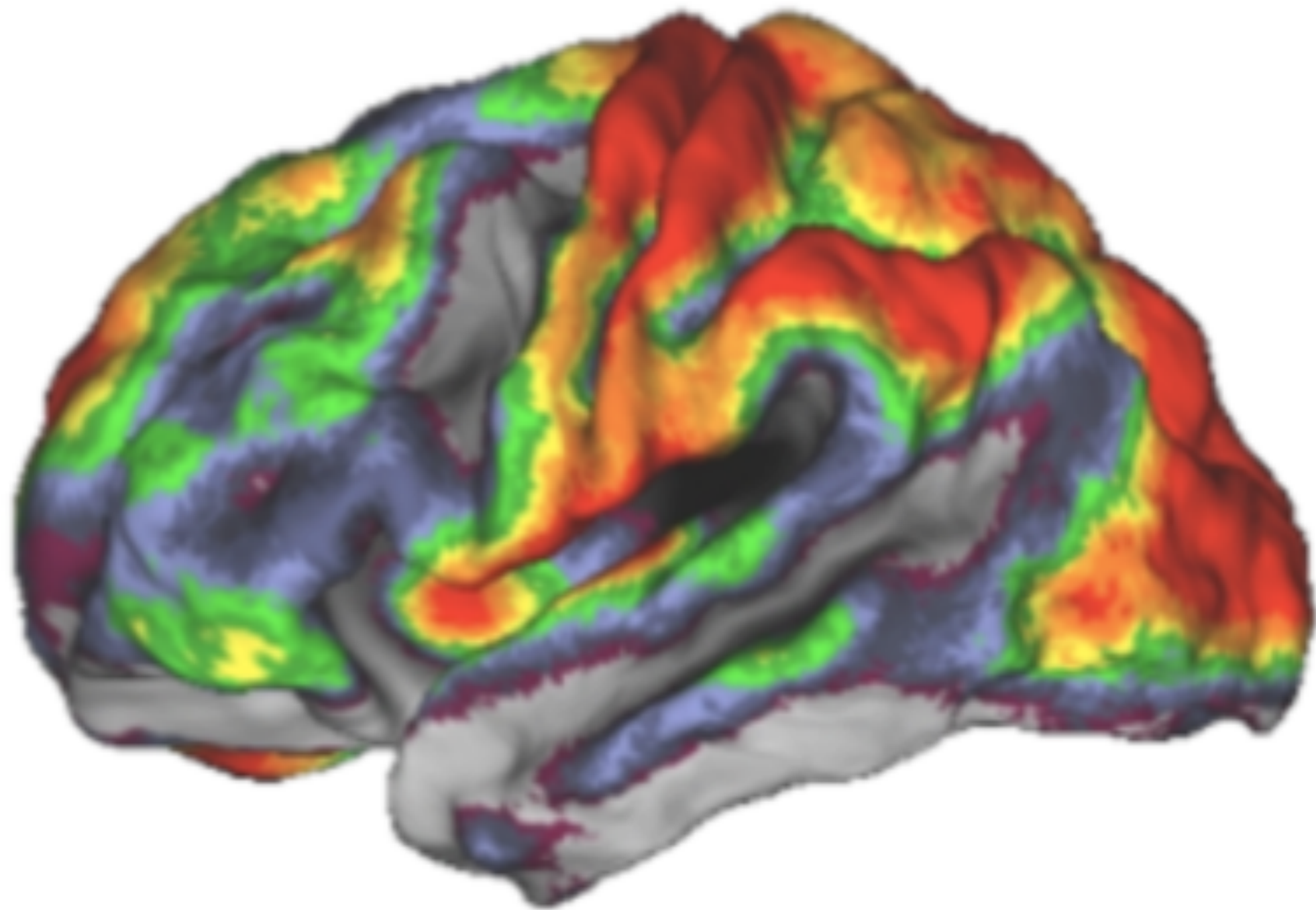
¹ Department of Radiology, University of Rochester Medical Center, 601 Elmwood Ave., Box 648, Rochester, NY 14642.

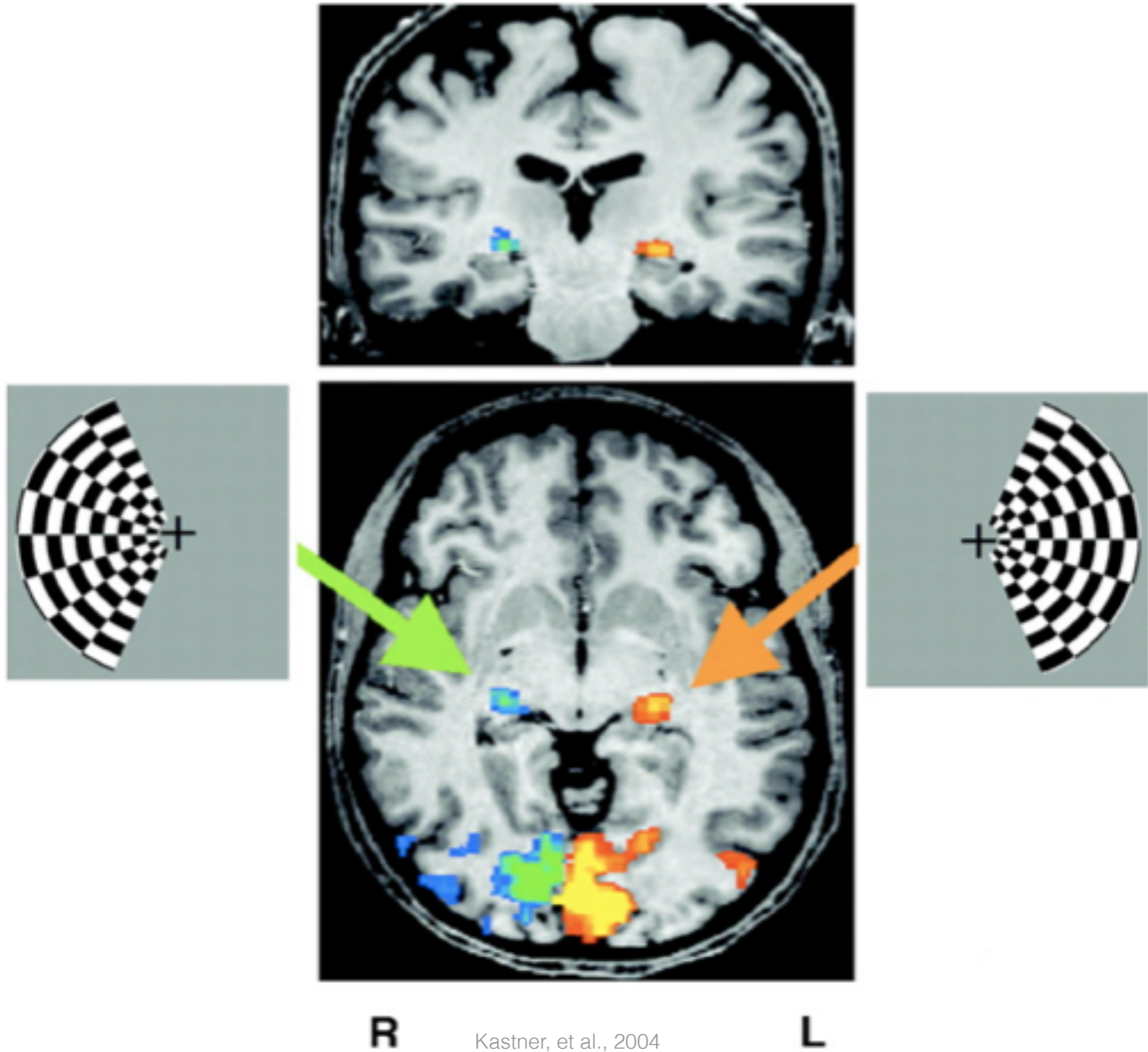
² Department of Radiology (D-132), University of Pittsburgh Medical Center, 200 Lothrop St., Pittsburgh, PA 15213.

³ Rochester Police Department, Rochester, NY 14624.

Received September 4, 2001; accepted after revision November 6, 2001.



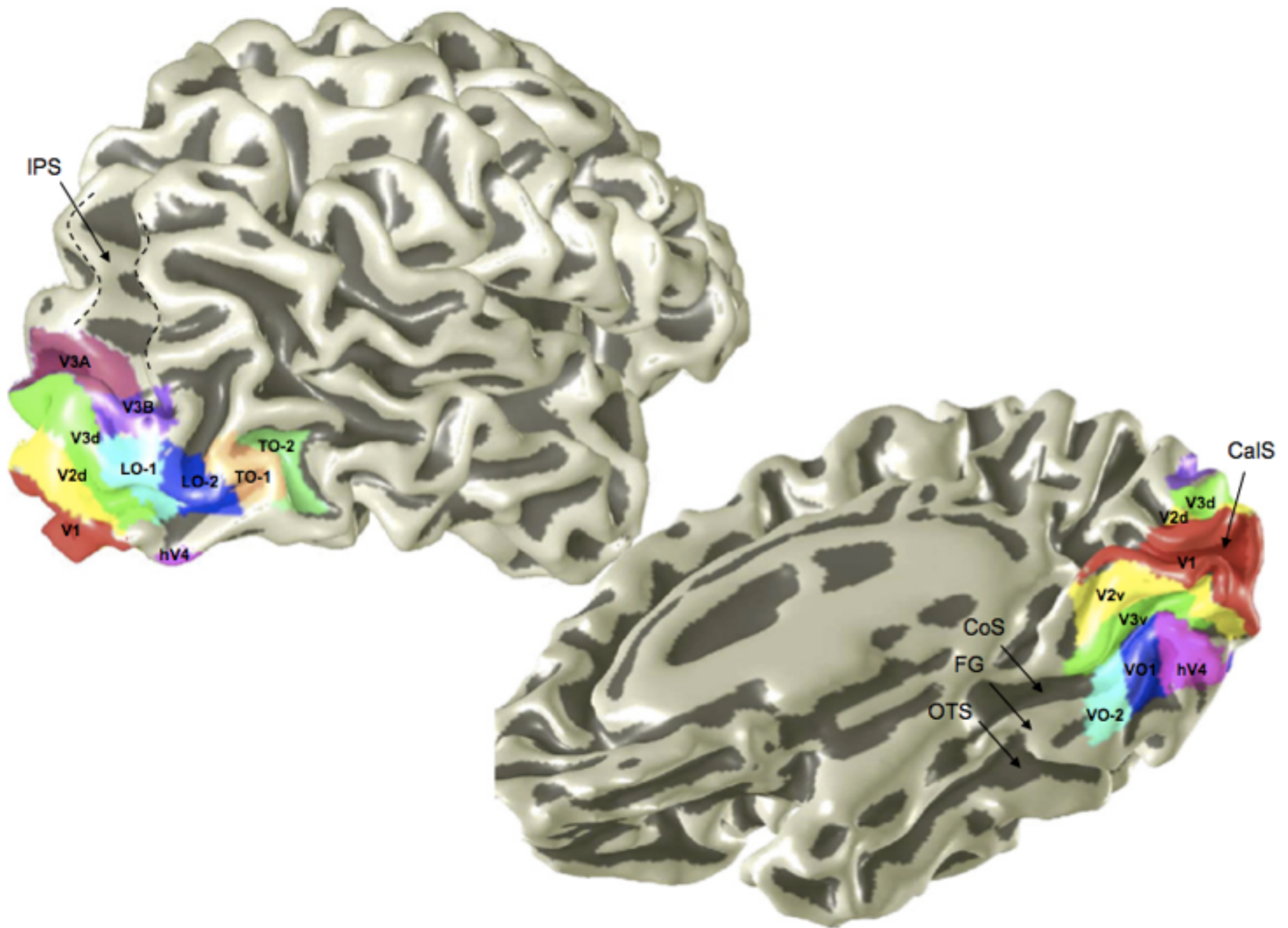




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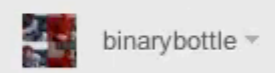
Kastner, et al., 2004

L





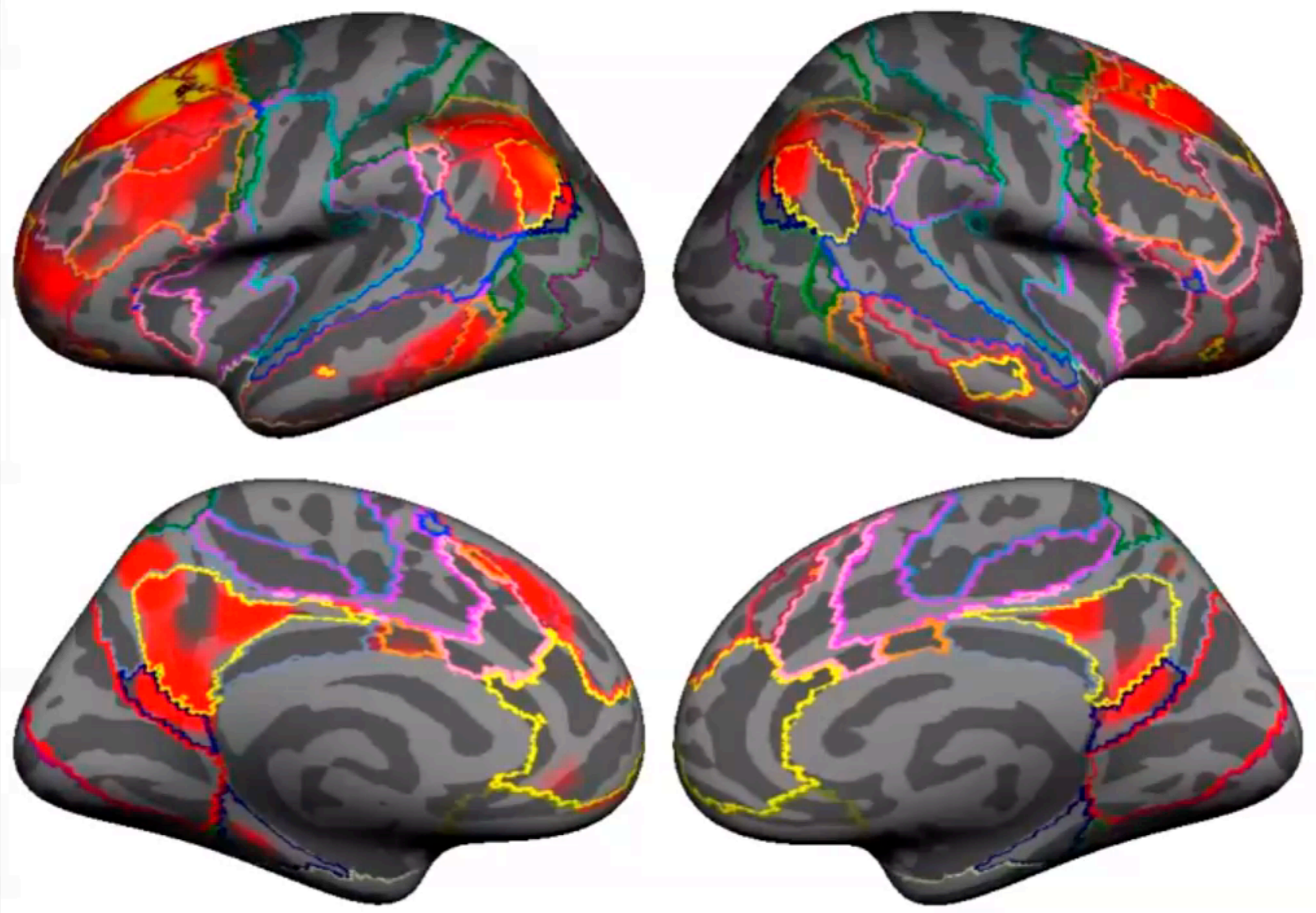
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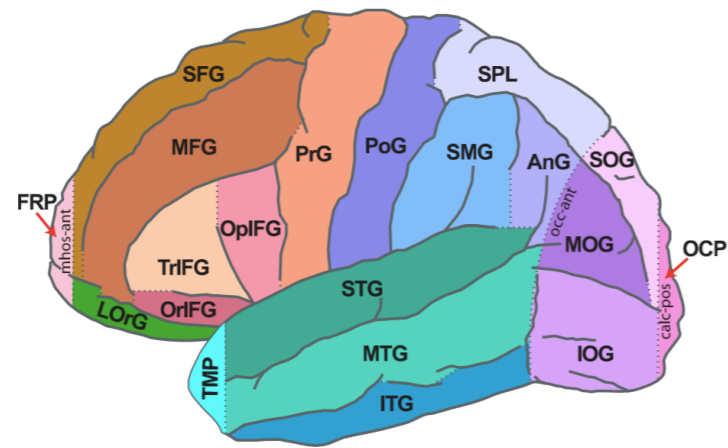
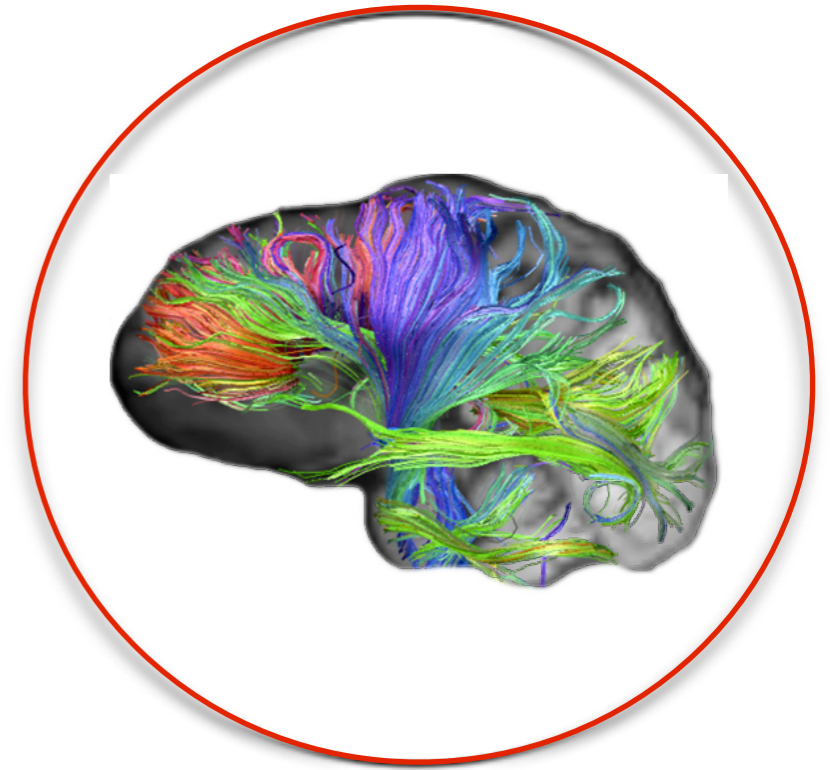
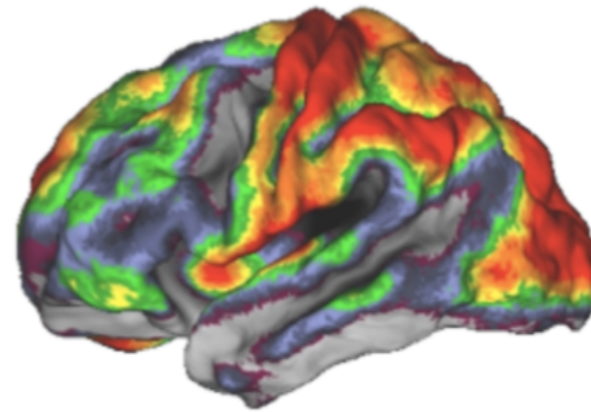
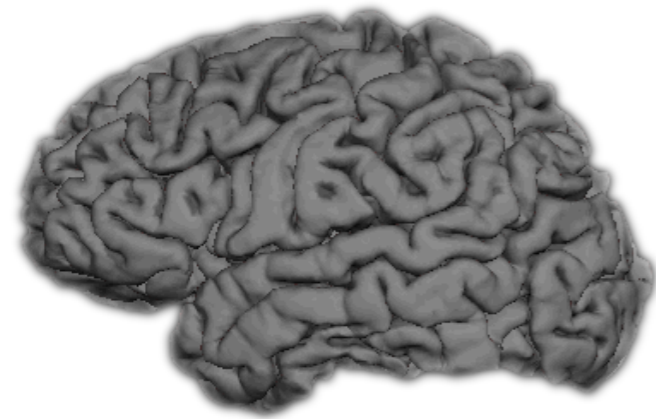


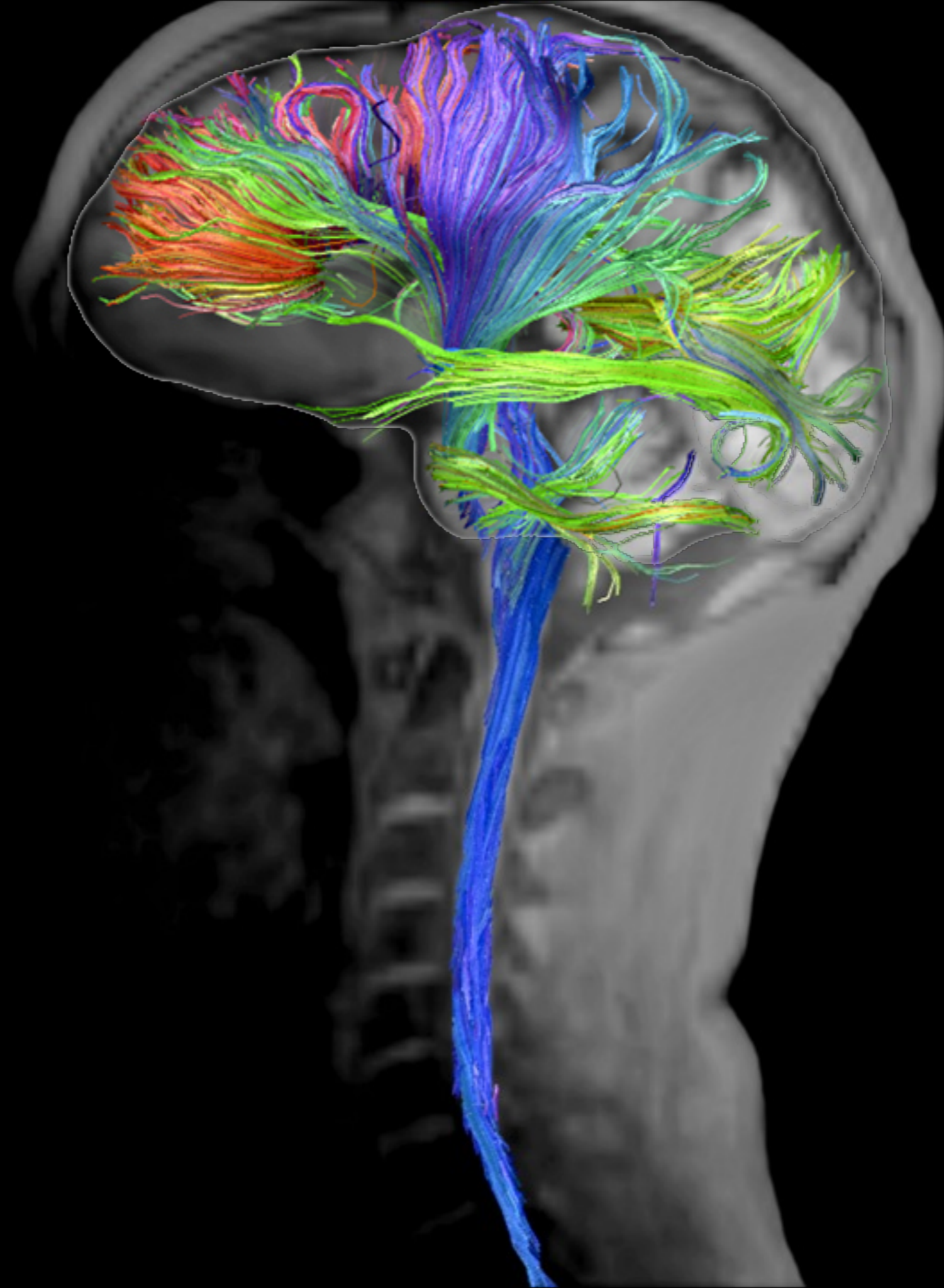
This account is managed by binarybottle.com [Learn more](#) x

Yeo_etal_JNeurophysiol_2011_Prefrontal.avi

YeoKrienen 9 videos v







Edit Regions Tracts Slices View
 Step1: select regions

Diffusion +isosurface Full Contrast 1.00 Offset 0.00

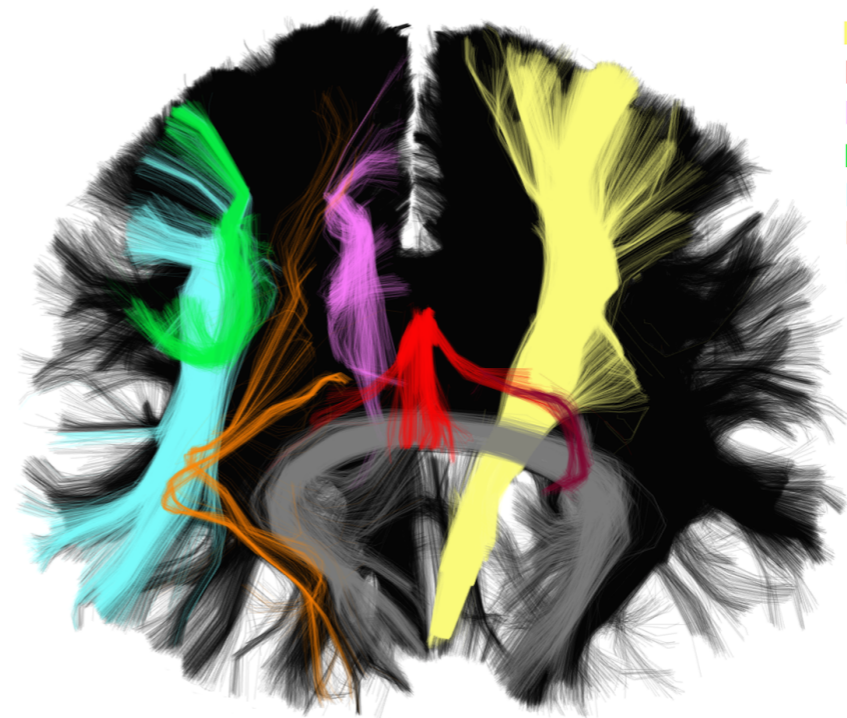
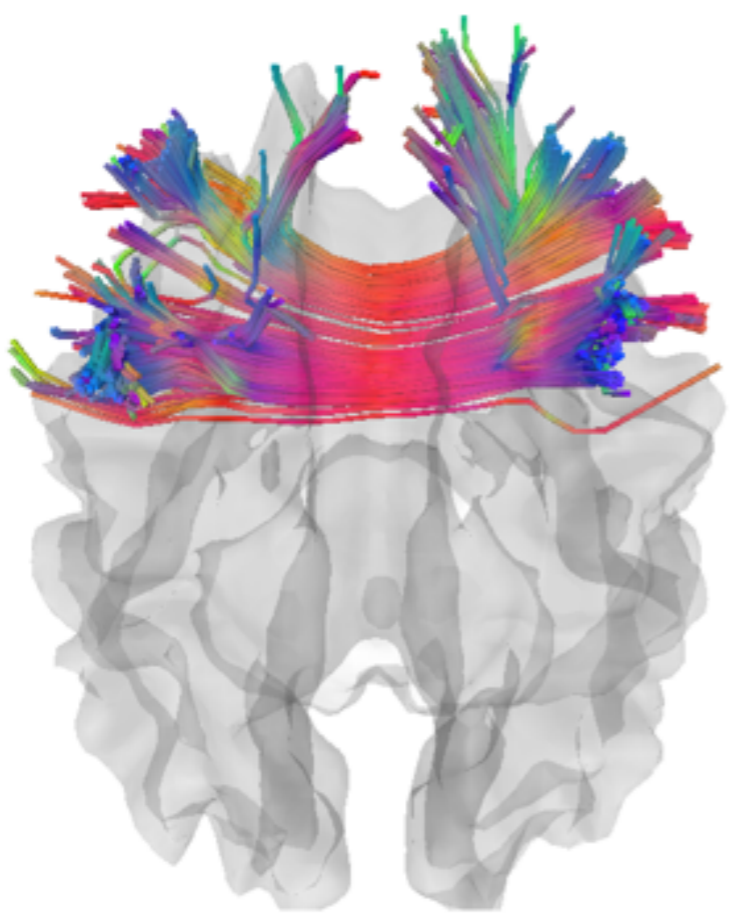
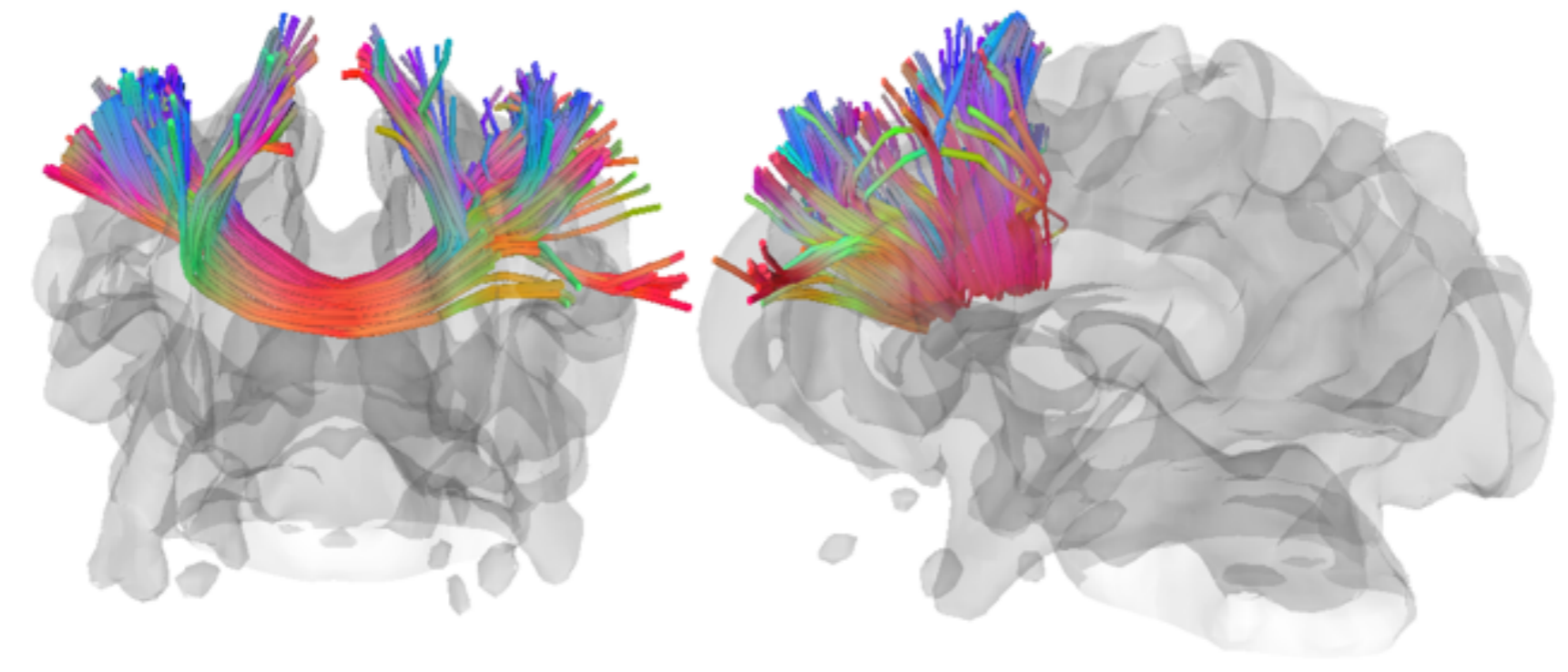
Rendering Options
 Set All To Default Best Performance

Environment
 Slice
 Tract

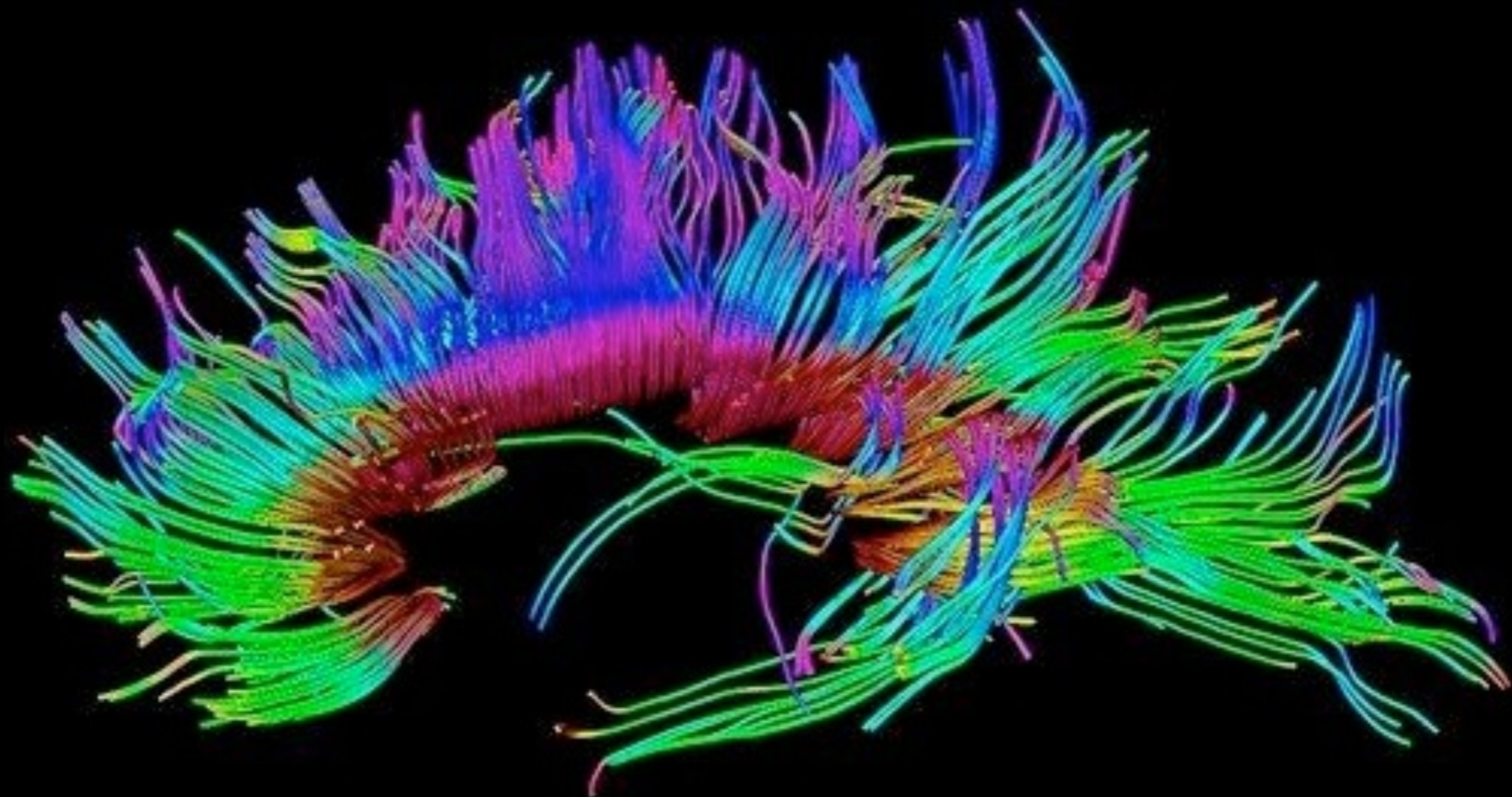
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 Blend Func1 SRC_ALPHA
 Blend Func2 ONE_MINUS_SRC_ALPHA
 Style Tube
 Color Directional
 Visible Tracts 25,000
 Tube Detail Fine
 Size Tube (0.1 voxel)
 Endpoint Shift None
 Light Three sources
 Light Direction
 Light Shading
 Light Diffuse
 Light Ambient
 Tract Emission

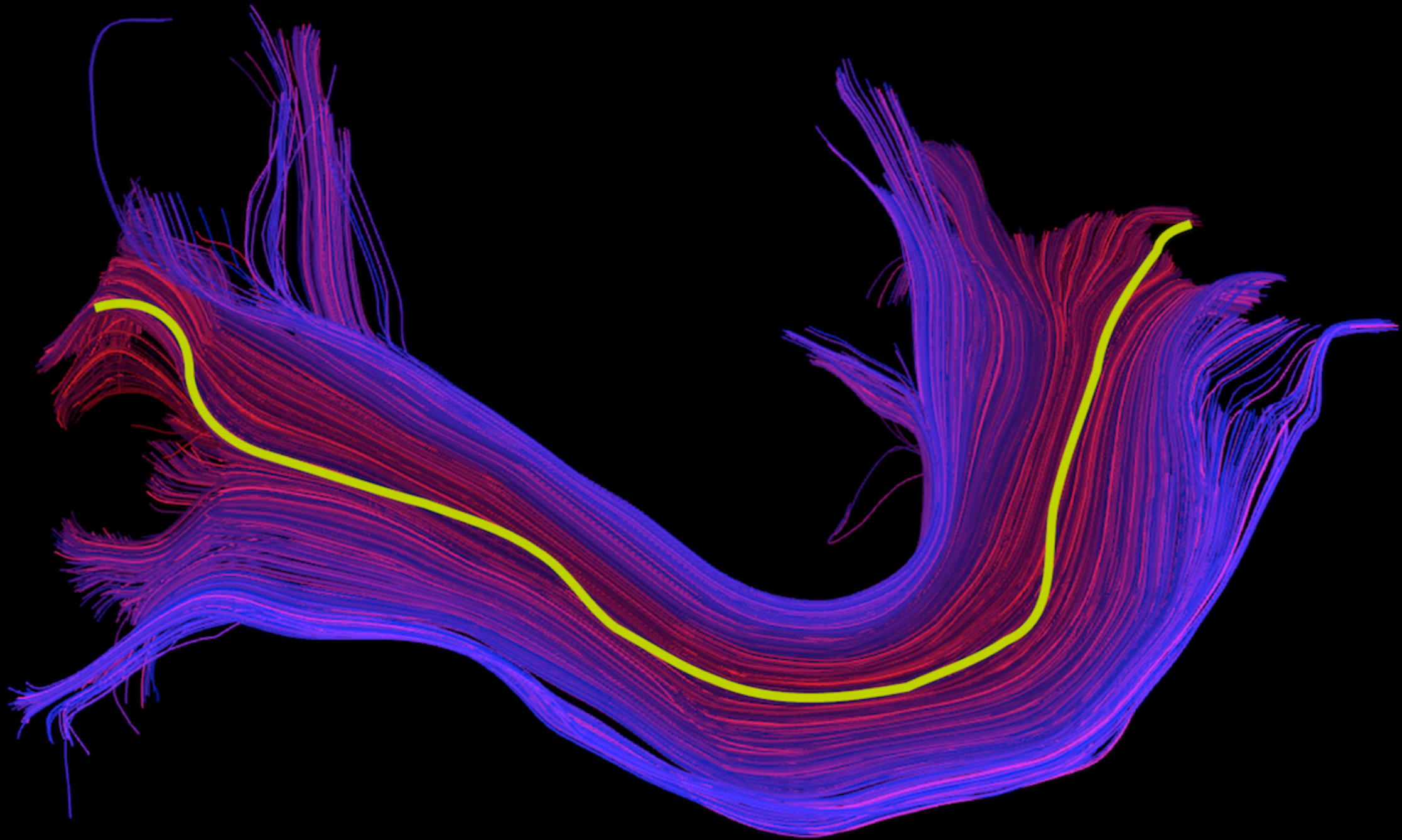
Region
 Surface

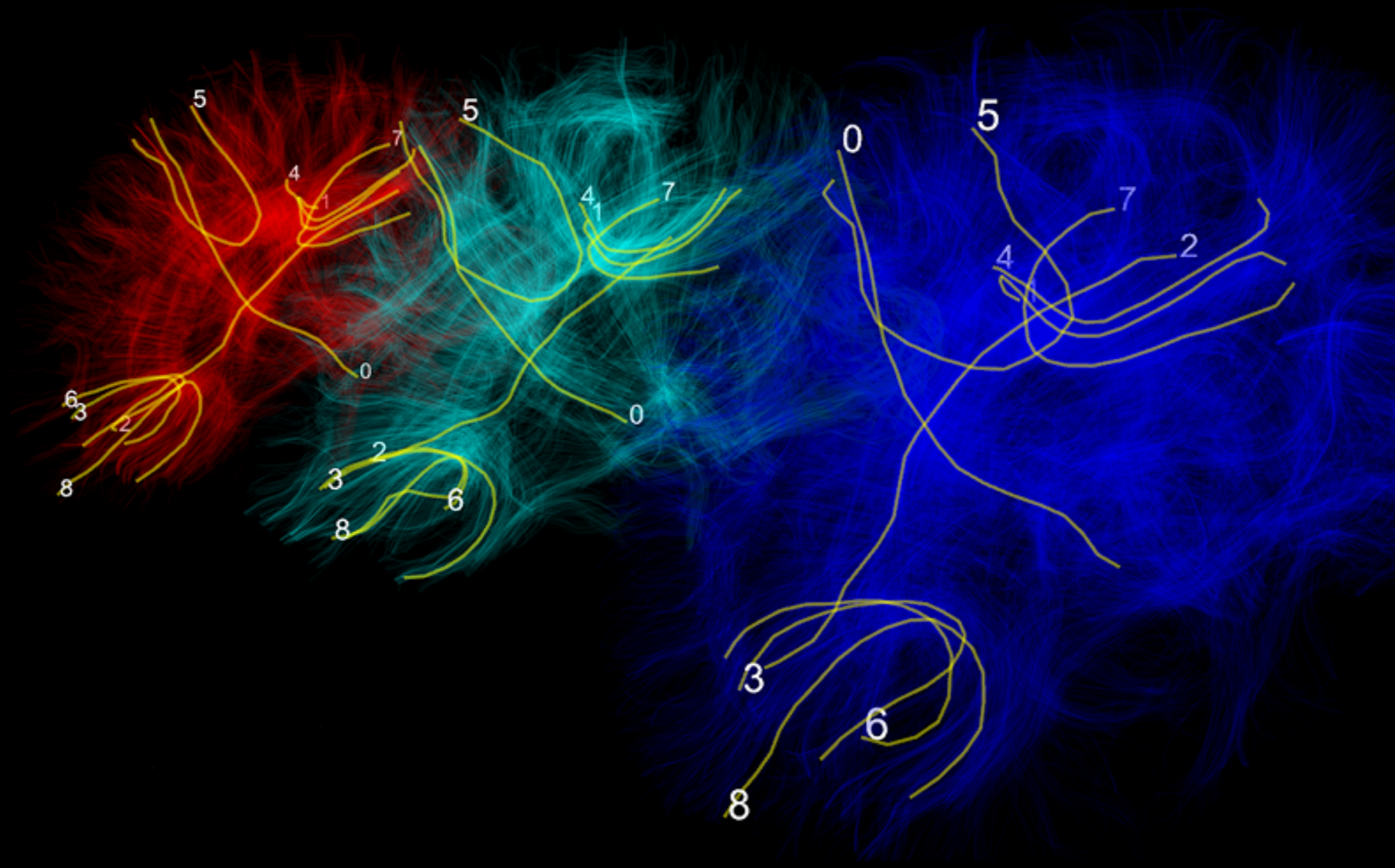
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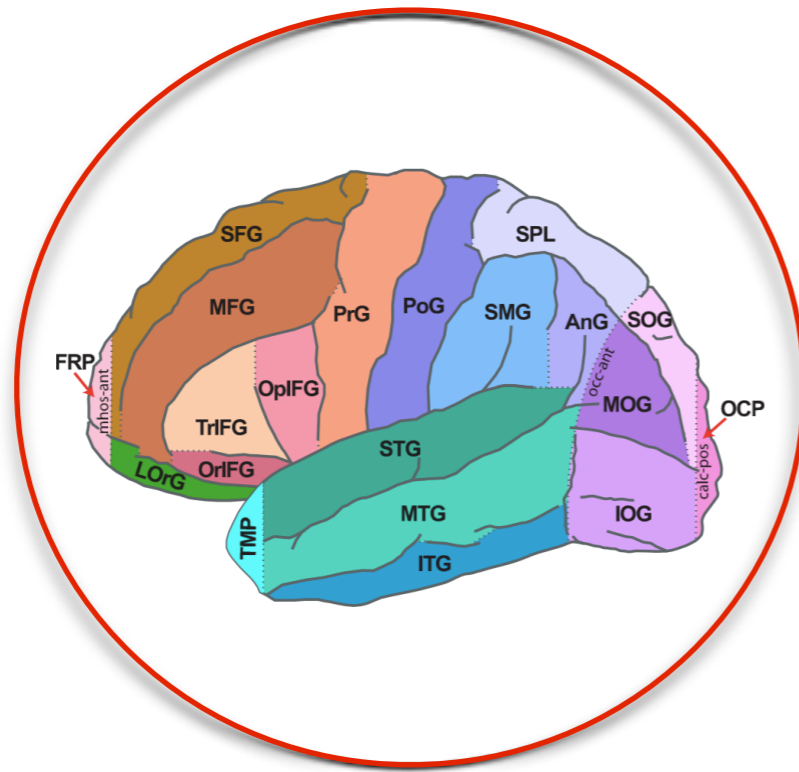
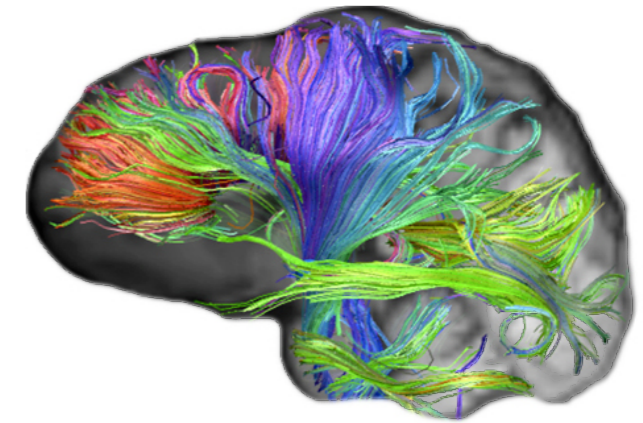
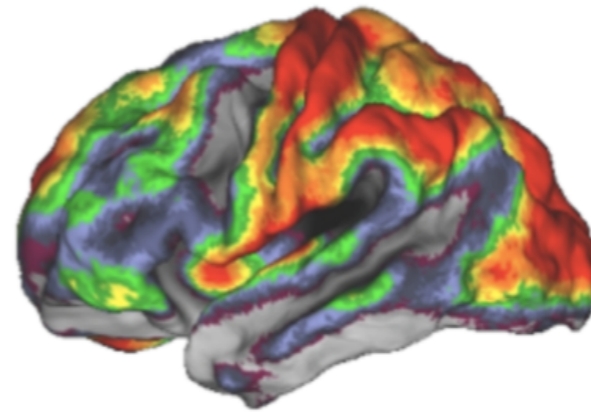
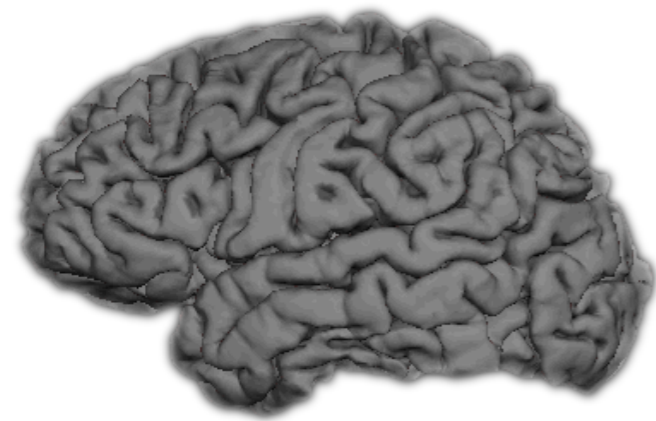


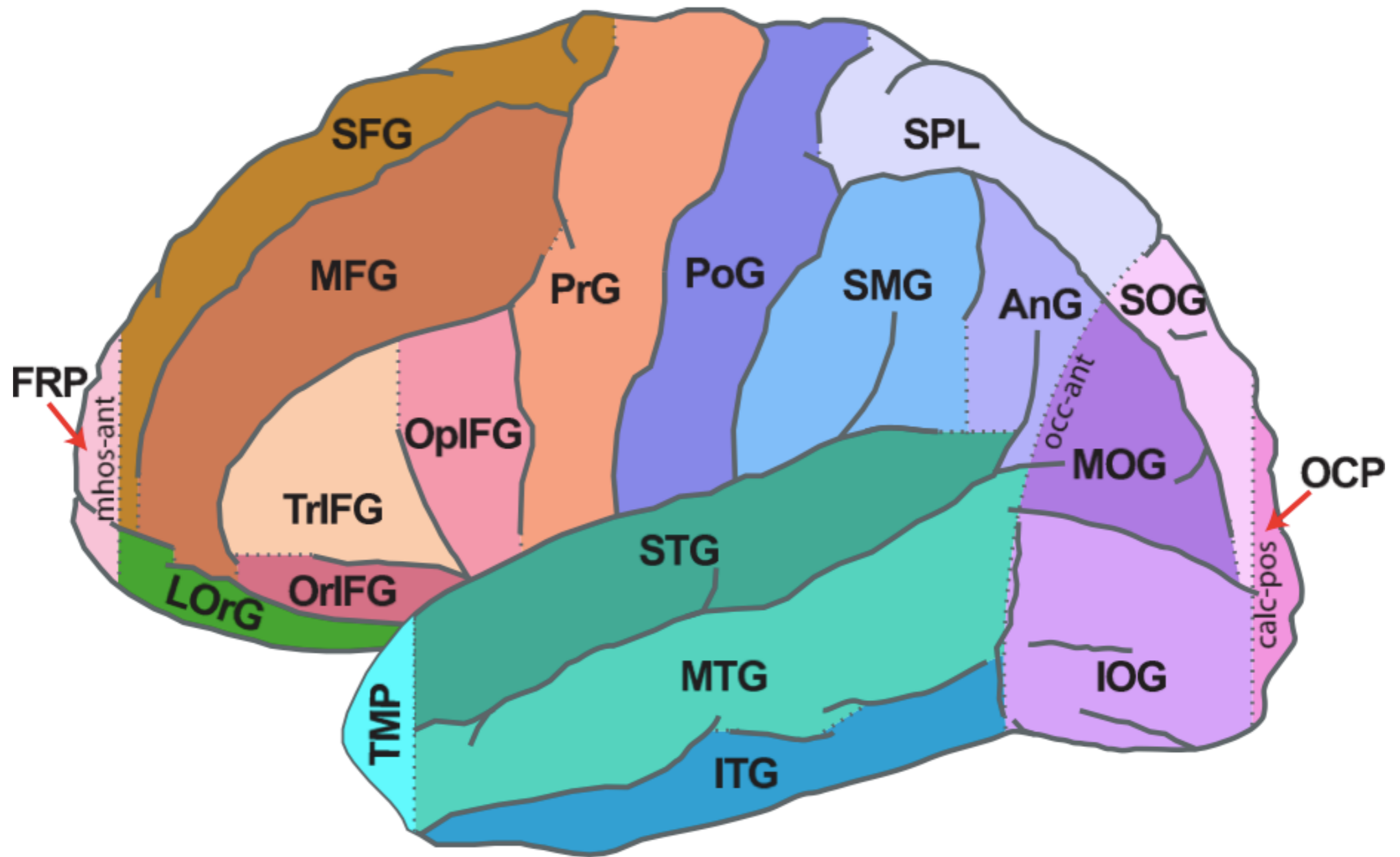
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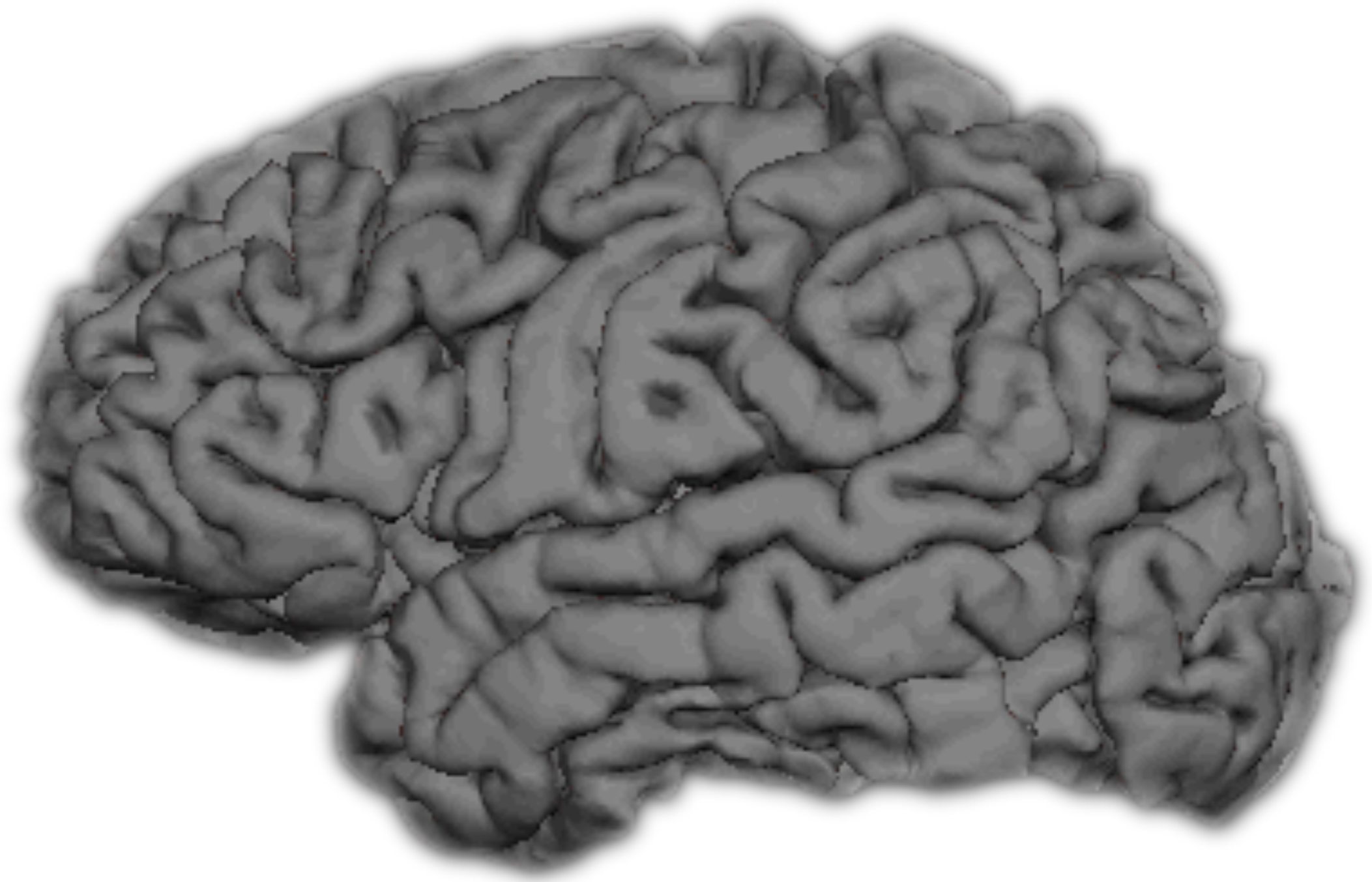


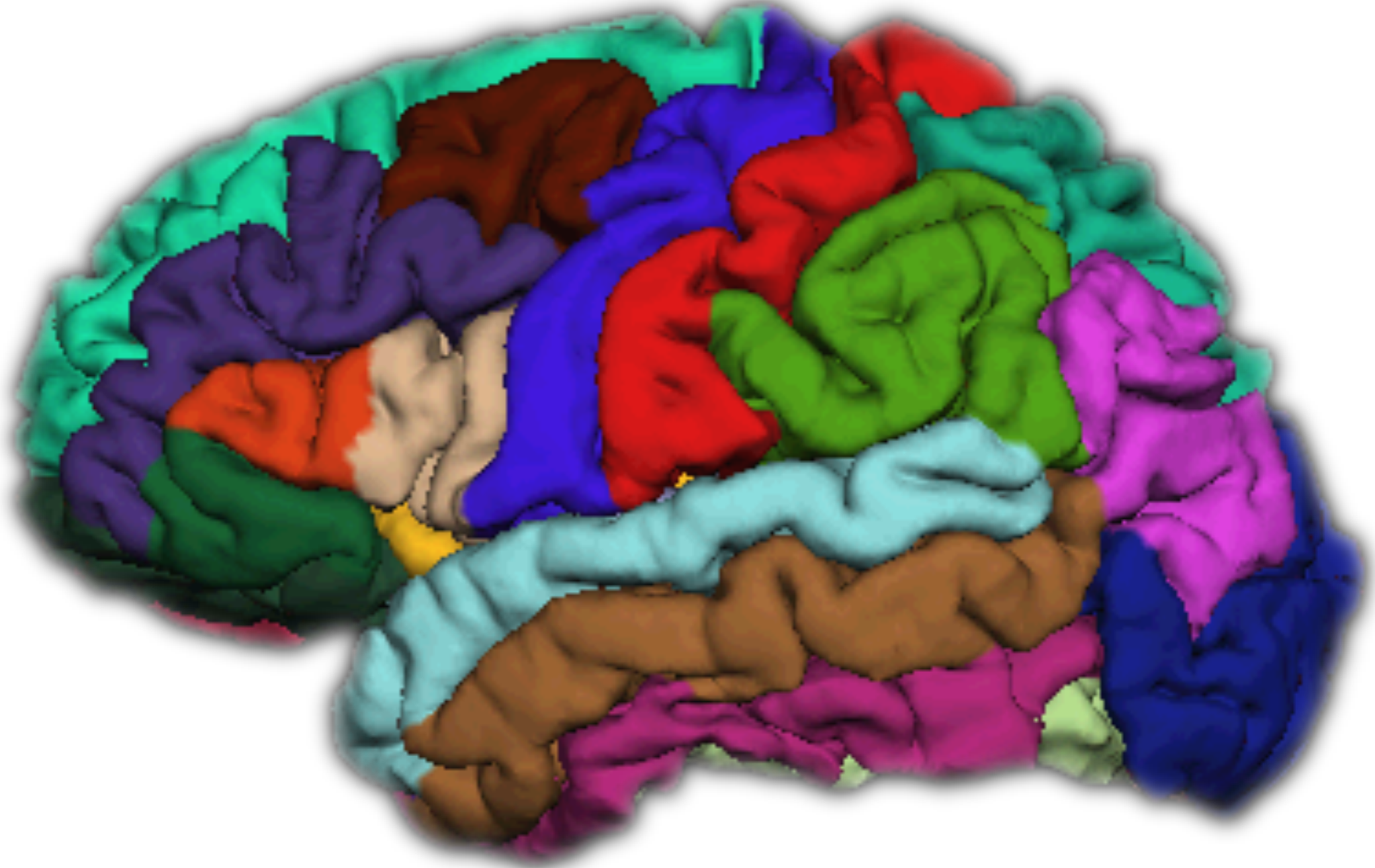








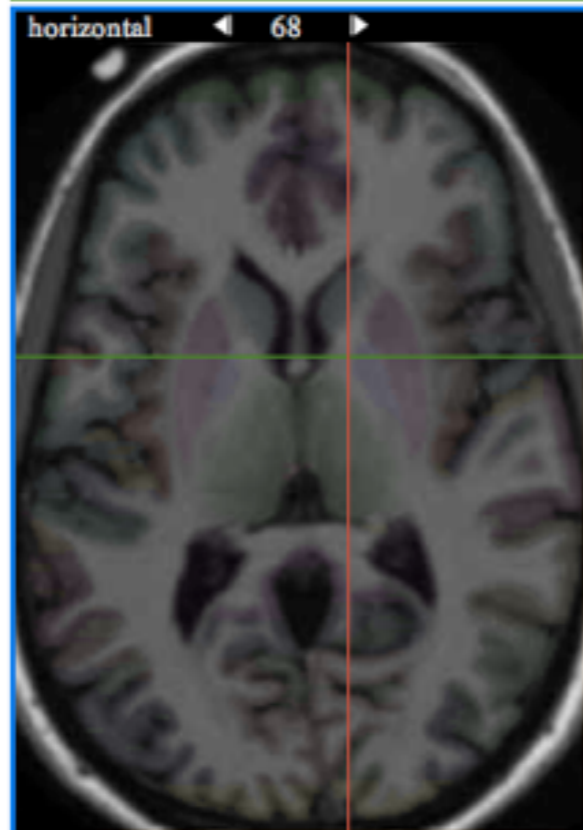
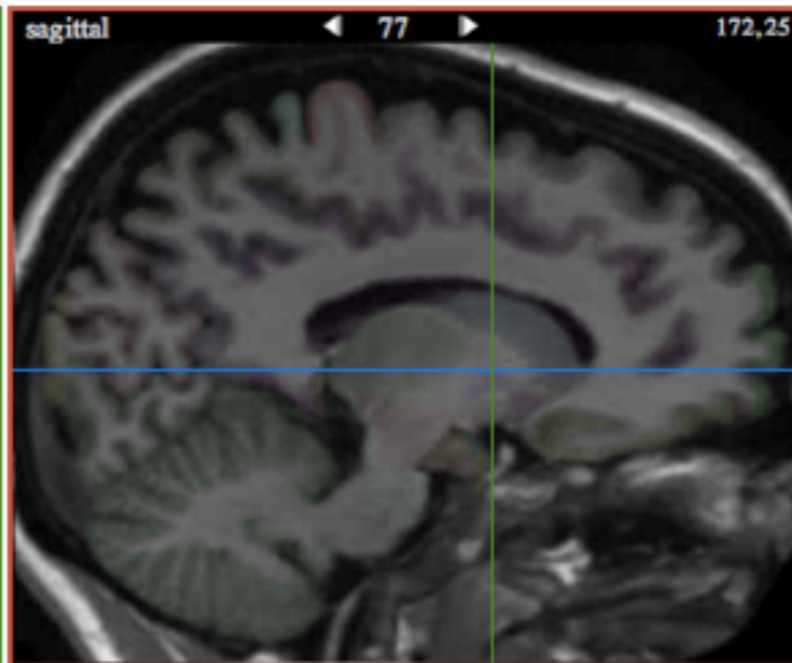
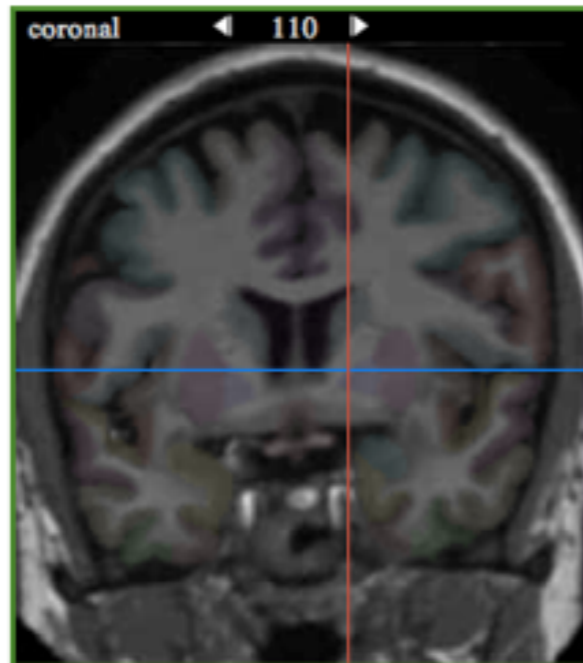






brainCOLOR

Collaborative Open Labeling Online Resource



0% label opacity



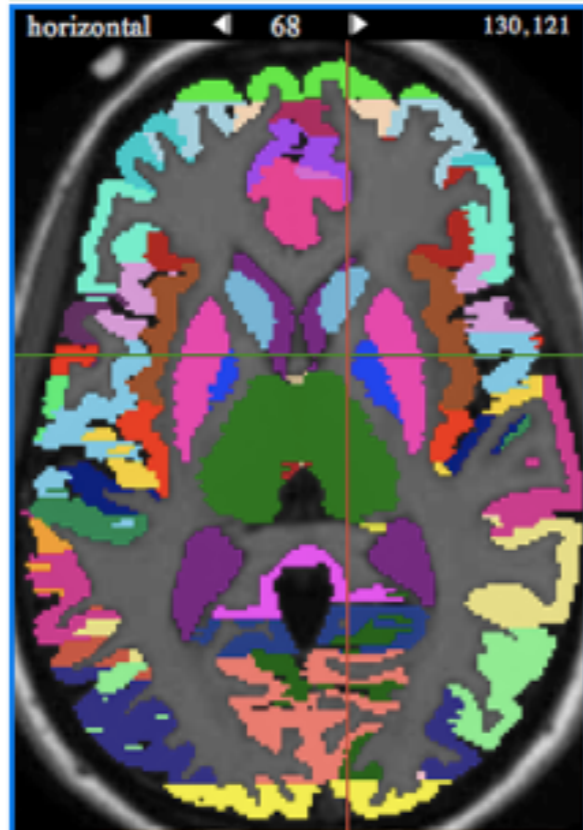
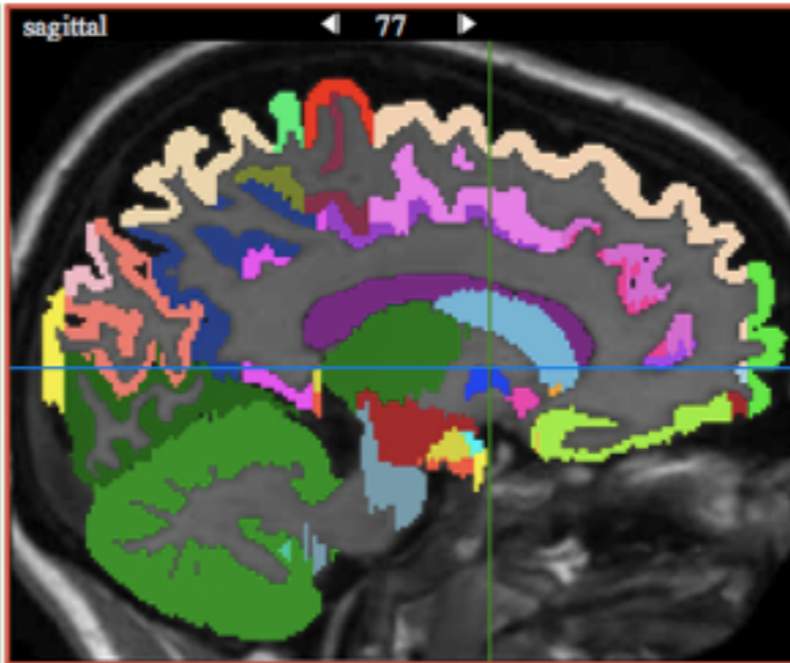
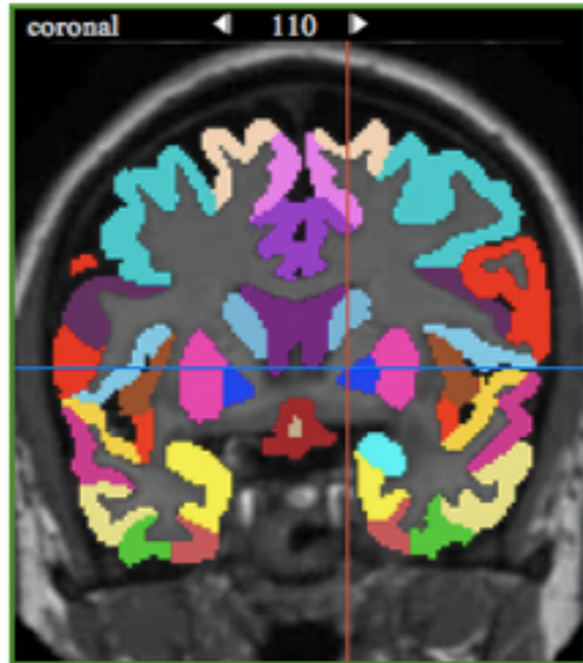
Coronal 110 labels (full label list):

- | | | |
|---|--|---------------|
| Left Lateral Ventricle | Right Lateral Ventricle | 3rd Ventricle |
| Left Caudate | Right Caudate | |
| Left Putamen | Right Putamen | |
| Left Pallidum | Right Pallidum | |
| Left Ventral DC | Right Ventral DC | |
| Left AIns anterior insula | Right Amygdala | |
| Left MCgG middle cingulate gyrus | Right Insula | |
| Left PP planum polare | Right AIns anterior insula | |
| Left MFG middle frontal gyrus | Right PIns posterior insula | |
| Left PrG precentral gyrus | Right MCgG middle cingulate gyrus | |
| Left PrG precentral gyrus | Right OpIFG opercular part of the inferior frontal gyrus | |
| Left Ent entorhinal area | Right MTG middle temporal gyrus | |
| Left ITG inferior temporal gyrus | Right ITG inferior temporal gyrus | |
| Left SFG superior frontal gyrus | Right FuG fusiform gyrus | |
| Left SMC supplementary motor cortex | Right SFG superior frontal gyrus | |
| Left OpIFG opercular part of the inferior frontal gyrus | Right MFG middle frontal gyrus | |
| Left CO central operculum | Right SMC supplementary motor cortex | |
| Left FuG fusiform gyrus | Right PrG precentral gyrus | |
| Left STG superior temporal gyrus | Right OpIFG opercular part of the inferior frontal gyrus | |
| Left MTG middle temporal gyrus | Right CO central operculum | |
| Left PIns posterior insula | Right PP planum polare | |
| | Right Ent entorhinal area | |
| | Right STG superior temporal gyrus | |



brainCOLOR

Collaborative Open Labeling Online Resource

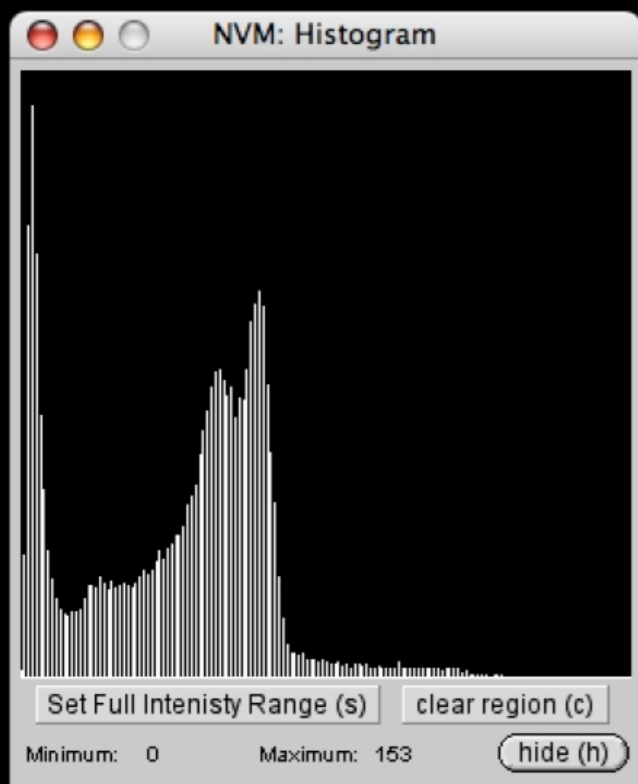


100 % label opacity



Coronal 110 labels (full label list):

- | | | |
|---|--|---------------|
| Left Lateral Ventricle | Right Lateral Ventricle | 3rd Ventricle |
| Left Caudate | Right Caudate | |
| Left Putamen | Right Putamen | |
| Left Pallidum | Right Pallidum | |
| Left Ventral DC | Right Ventral DC | |
| Left AIns anterior insula | Right Amygdala | |
| Left MCgG middle cingulate gyrus | Right Insula | |
| Left PP planum polare | Right AIns anterior insula | |
| Left MFG middle frontal gyrus | Right PIns posterior insula | |
| Left PrG precentral gyrus | Right MCgG middle cingulate gyrus | |
| Left PrG precentral gyrus | Right OpIFG opercular part of the inferior frontal gyrus | |
| Left Ent entorhinal area | Right MTG middle temporal gyrus | |
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| Left CO central operculum | Right SMC supplementary motor cortex | |
| Left FuG fusiform gyrus | Right PrG precentral gyrus | |
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| Left MTG middle temporal gyrus | Right CO central operculum | |
| Left PIns posterior insula | Right PP planum polare | |
| | Right Ent entorhinal area | |
| | Right STG superior temporal gyrus | |



NVM: Outline Labels

File Label Help

Assign current label when extracting

Choose Existing Label:

R-L Amygdala

Review: Next Previous hide

NVM: Landmarks

File Landmark Help

Choose a Scan:

10015_3

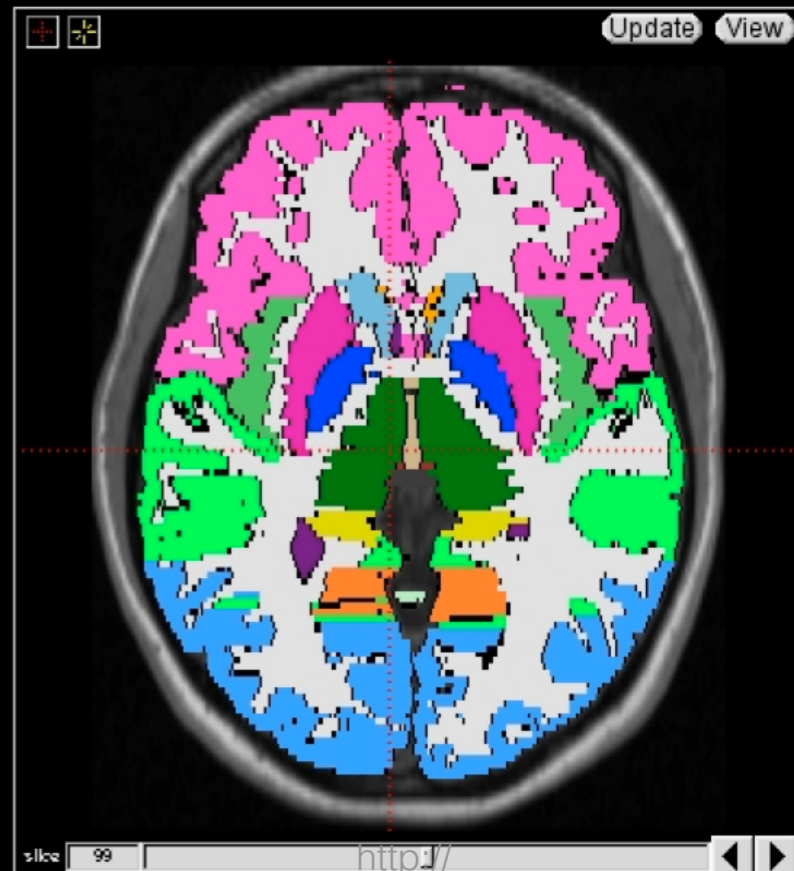
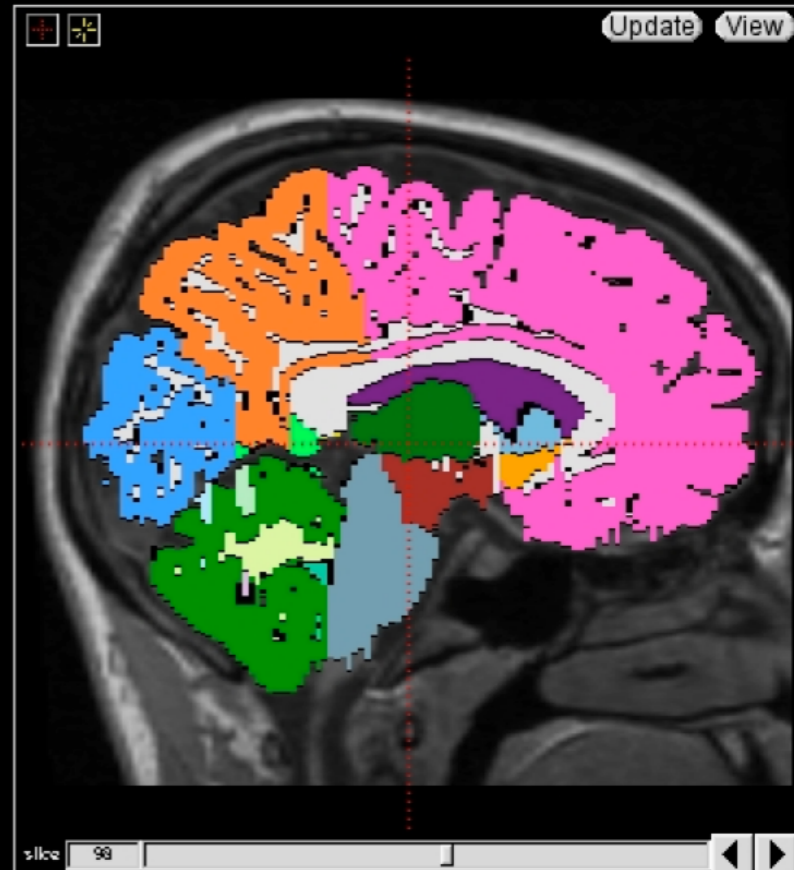
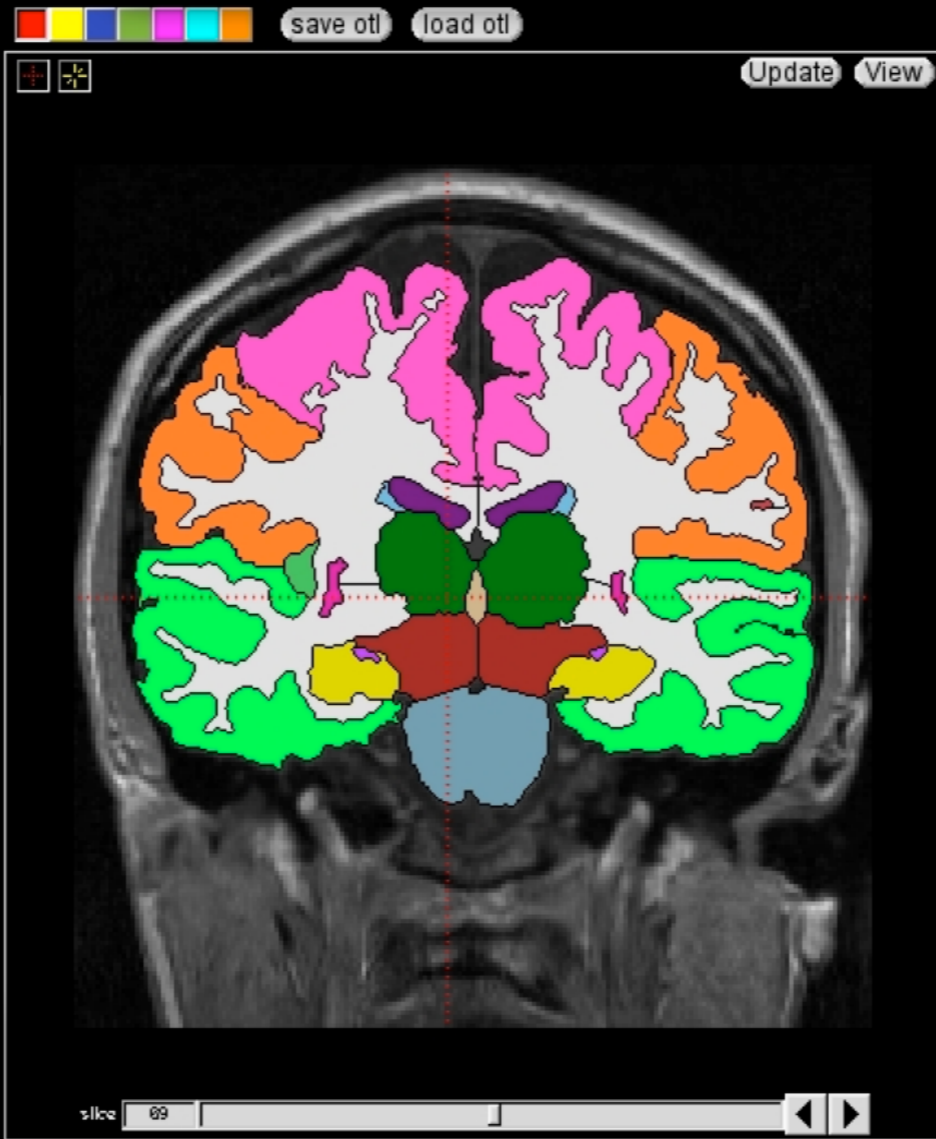
Choose a Landmark:

Right->Left X 0

Superior->Inferior Z 0.5

Posterior->Anterior Y 0

Review: Next Previous hide



Ready to run: after last command (1 total) index.xml

Help This SegMentor script will guide you through the segmentation

Prev Next Hit the Enter key (with the main window selected and the mouse over an image) to begin...

To Do list

Navigation arrows

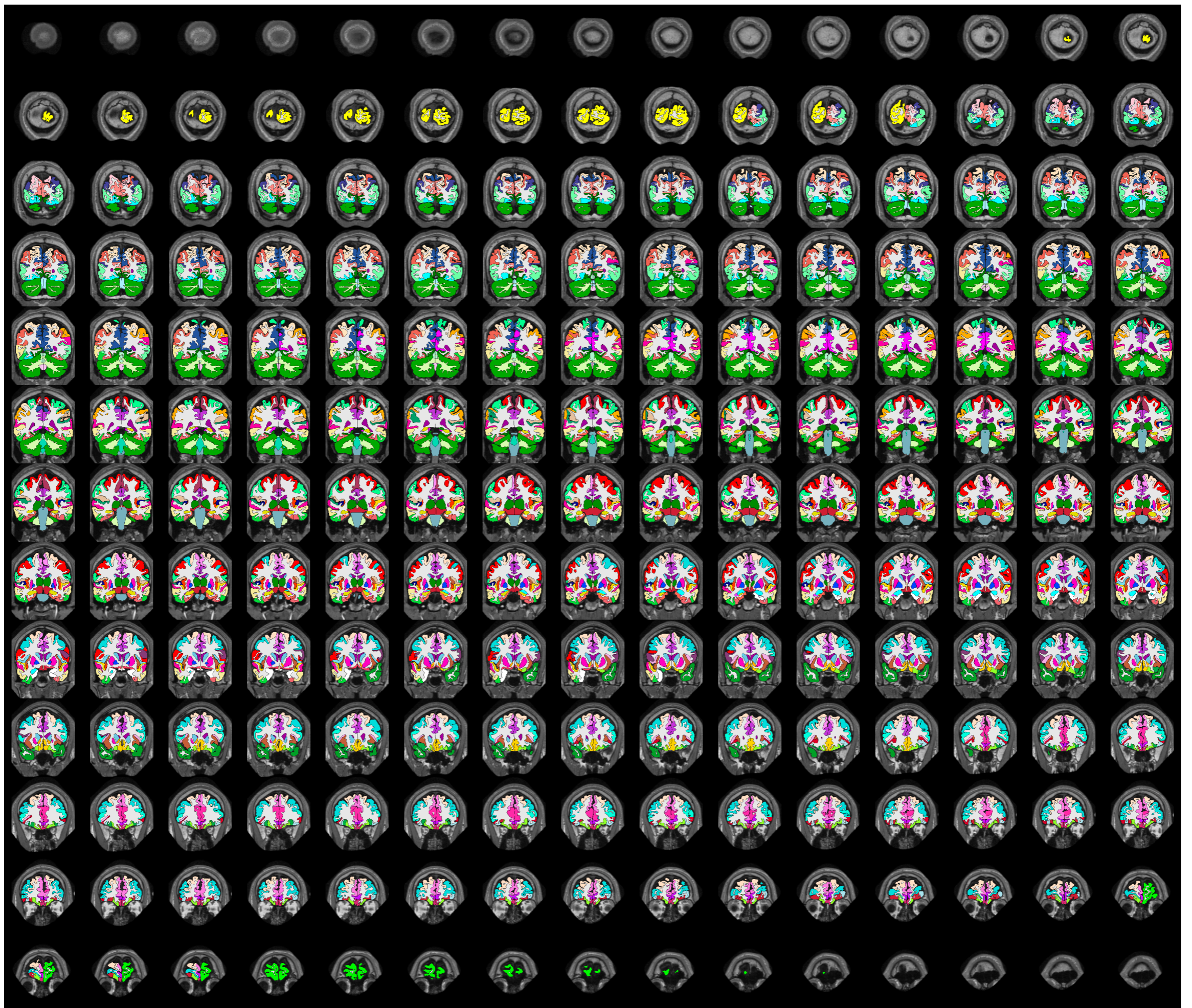


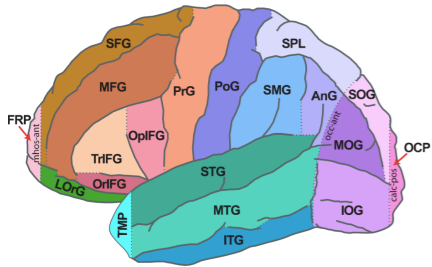
NVM: AutoContour slice 69

File AutoContour Help

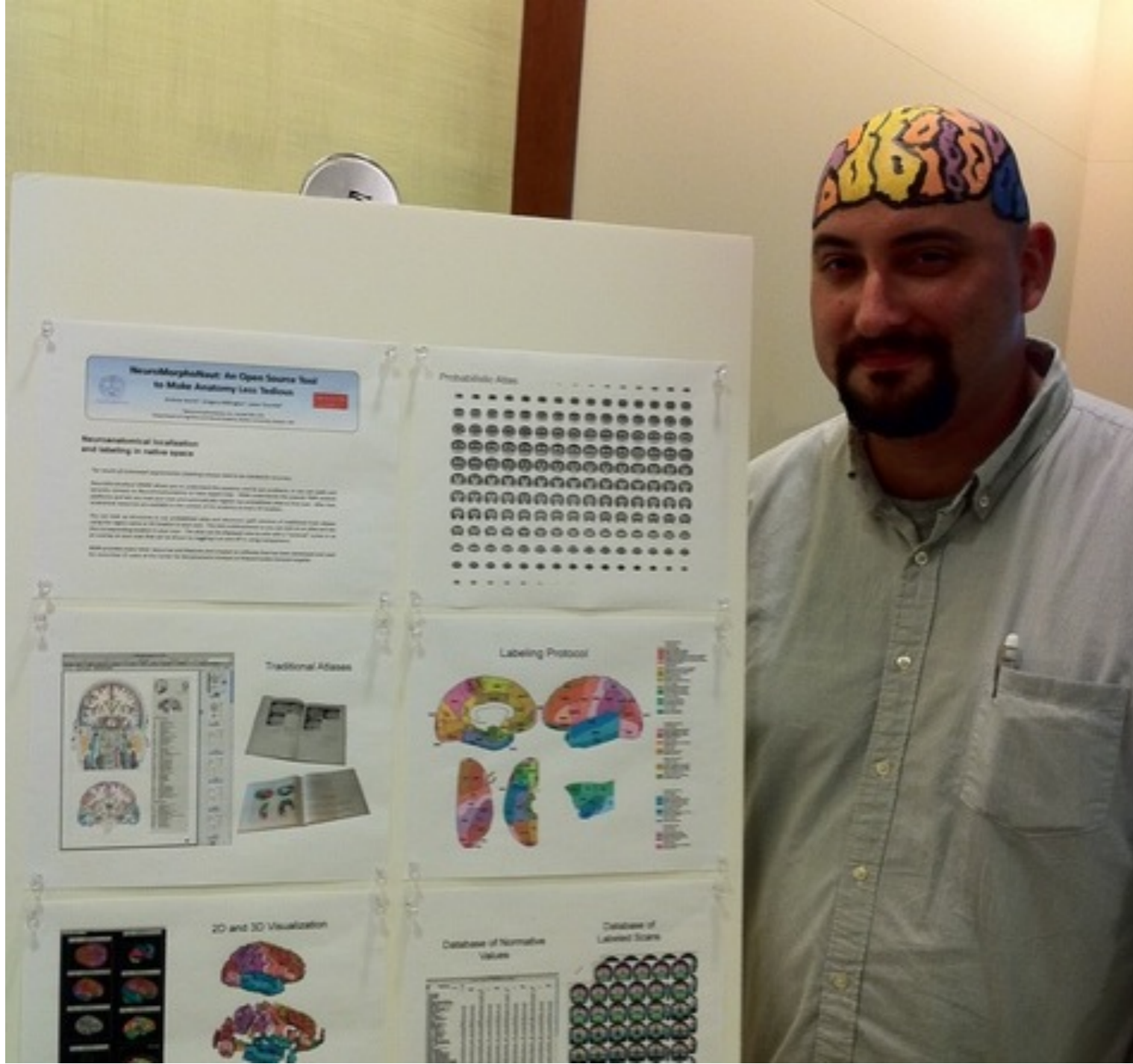
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13		Background-CSF
30		CSF-Gray
58		Gray-White

Set to current intensity

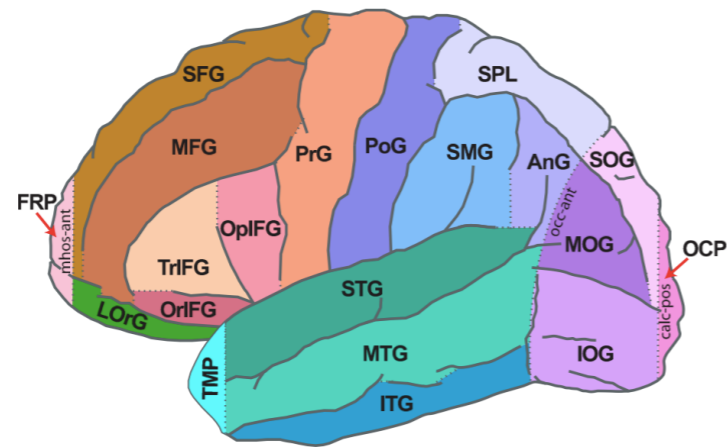
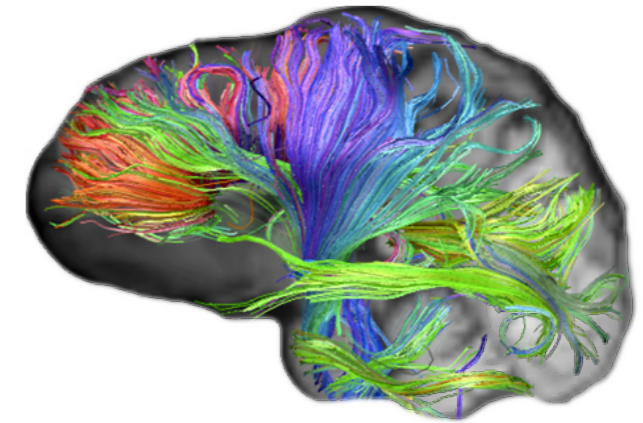
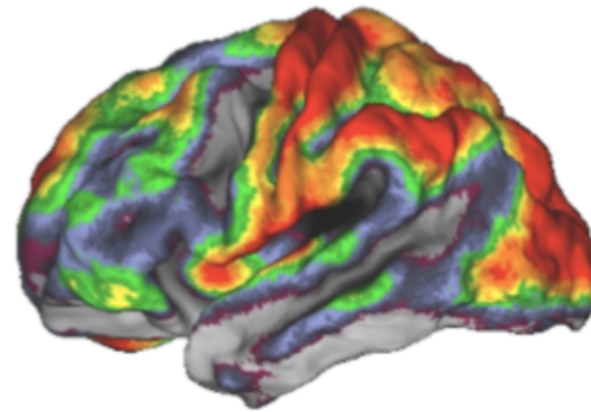
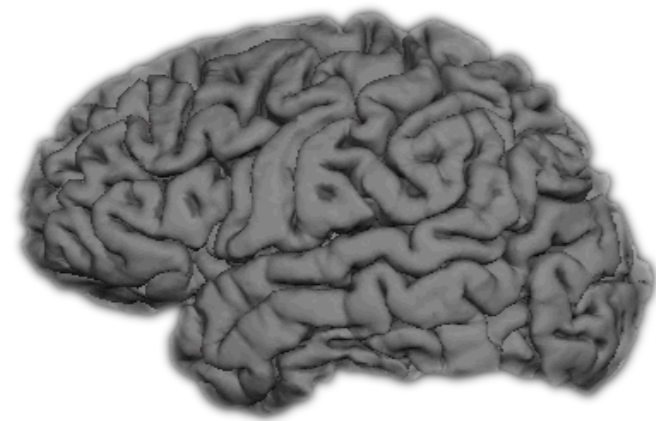




A dedicated human labeler



Greg Millington
Neuromorphometrics





Mindboggle

Software

Data

Papers

People

Data

Welcome to the largest collection of publicly available, manually labeled human brain image data in the world!


Please cite the following article and this website when making use of Mindboggle-101 data:

[101 labeled brain images and a consistent human cortical labeling protocol](#)

Arno Klein, Jason Tourville. *Frontiers in Brain Imaging Methods*. 6:171. DOI: 10.3389/fnins.2012.00171

See the [README](#), labeling [protocol](#), the [CHANGELOG](#), and [MD5SUMS](#),

which describe the labeled nifti volumes (nii), vtk surfaces (vtk), and FreeSurfer files (mgh, etc.).

Except where noted, all data are licensed under a Creative Commons License: 

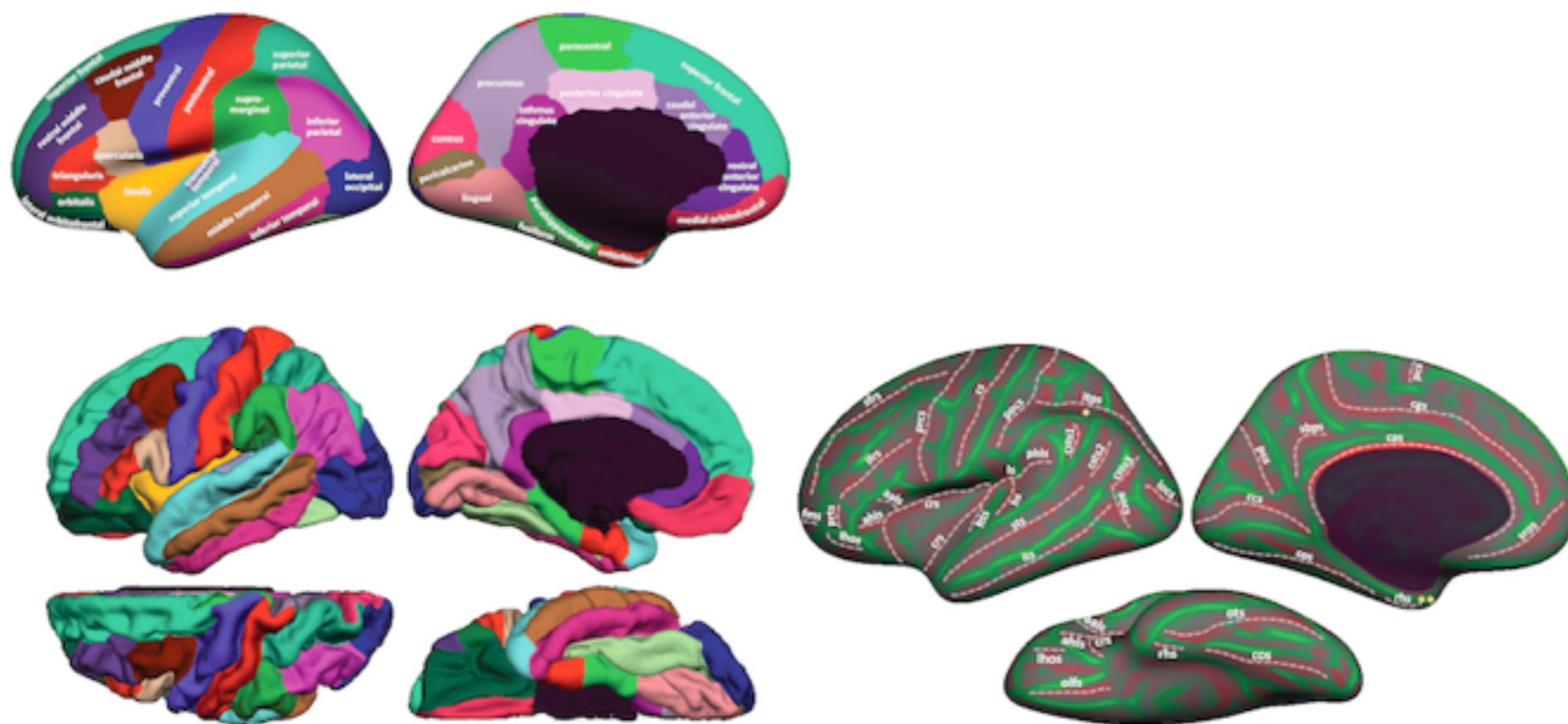
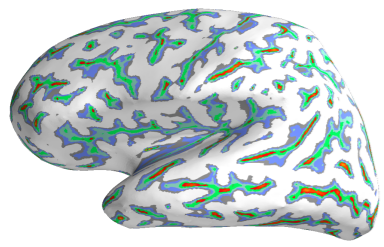
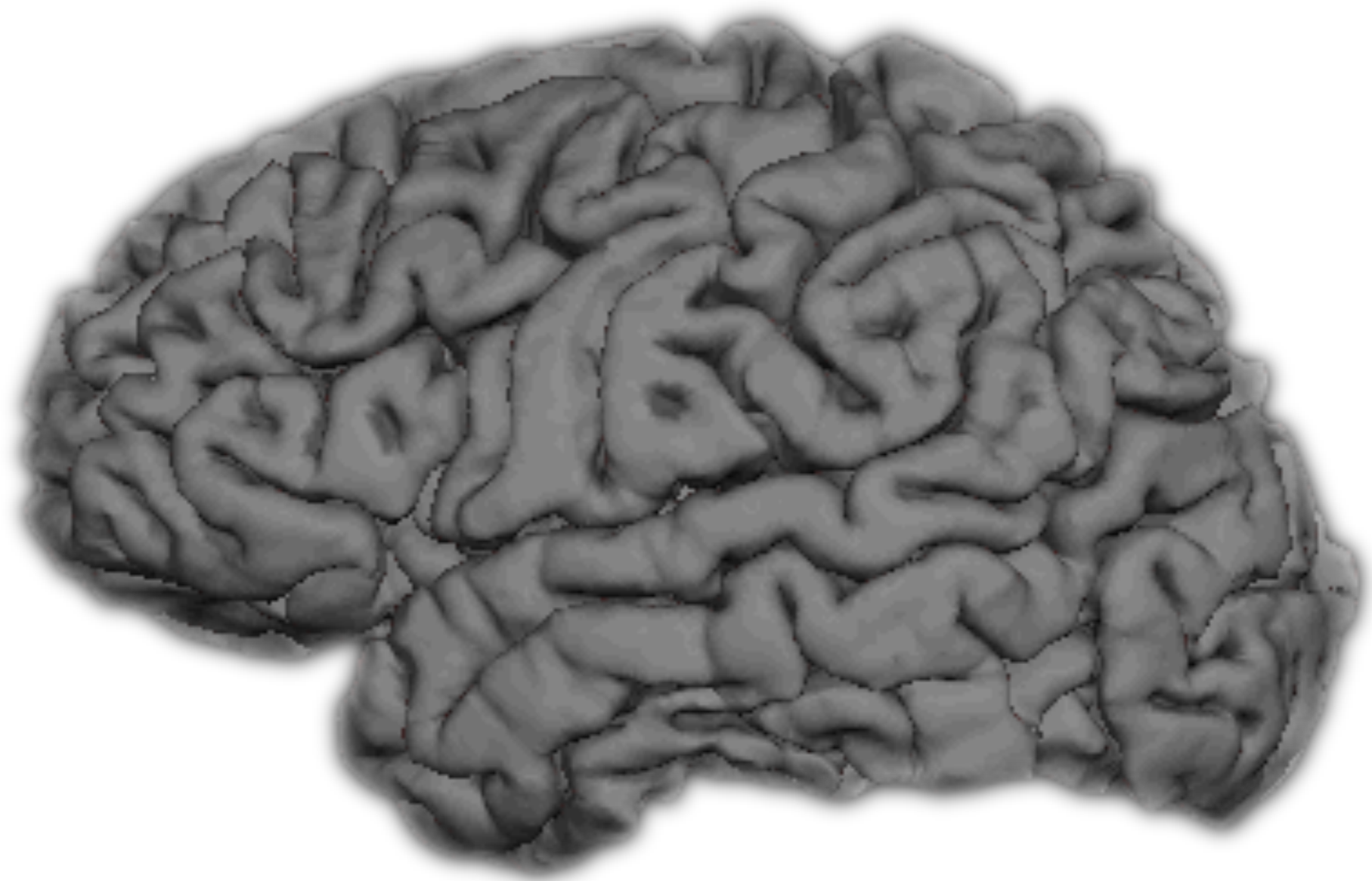


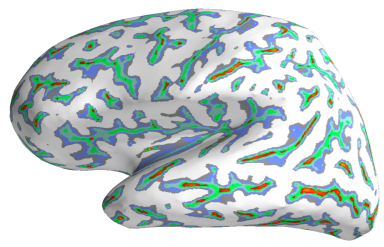
Image Processing and Registration





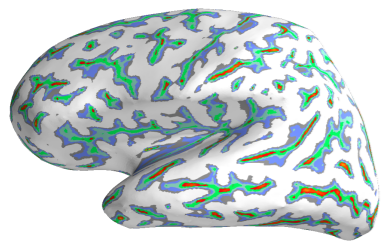
Cortical surface



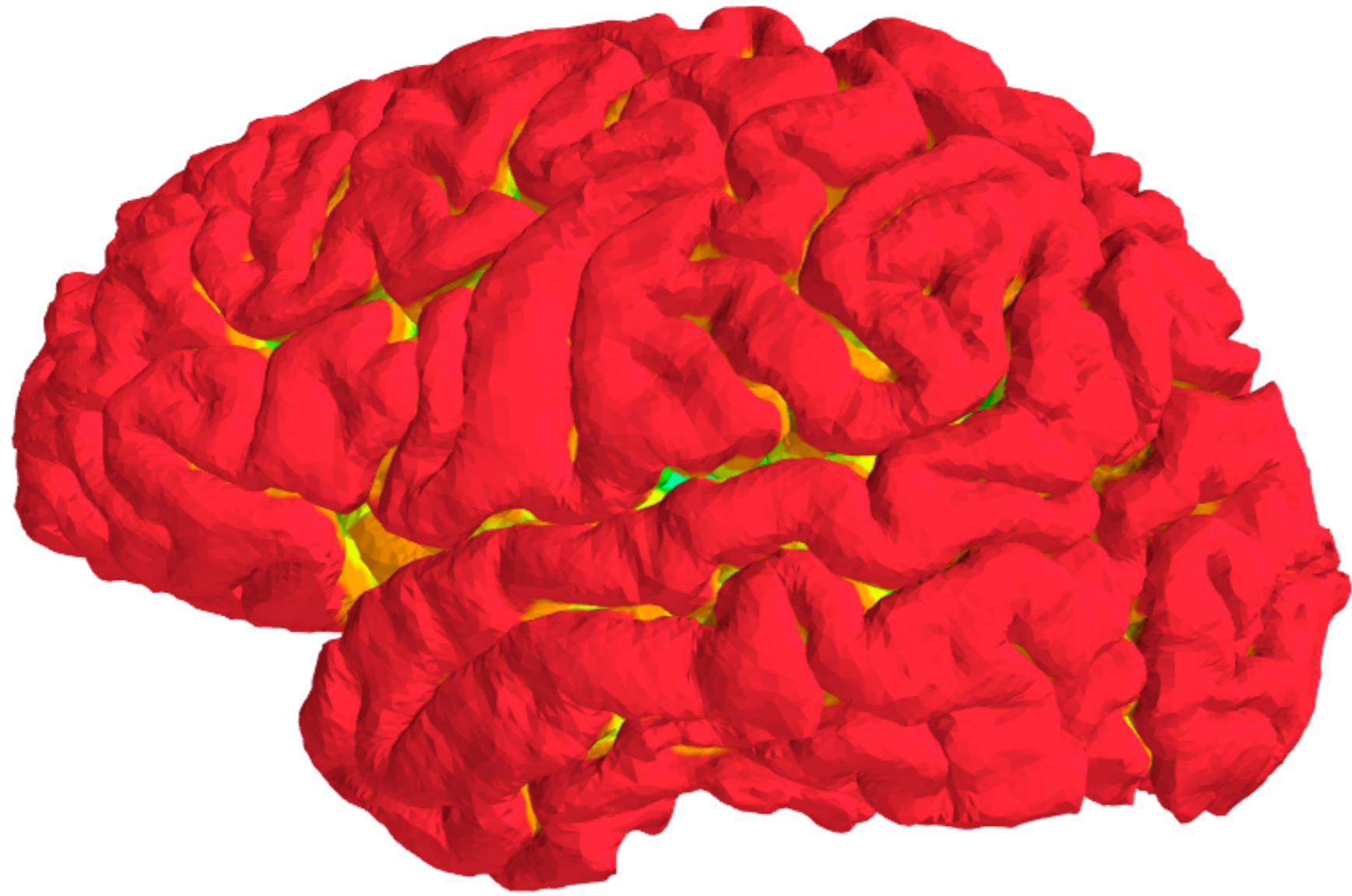


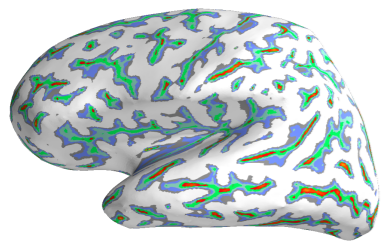
Mean curvature



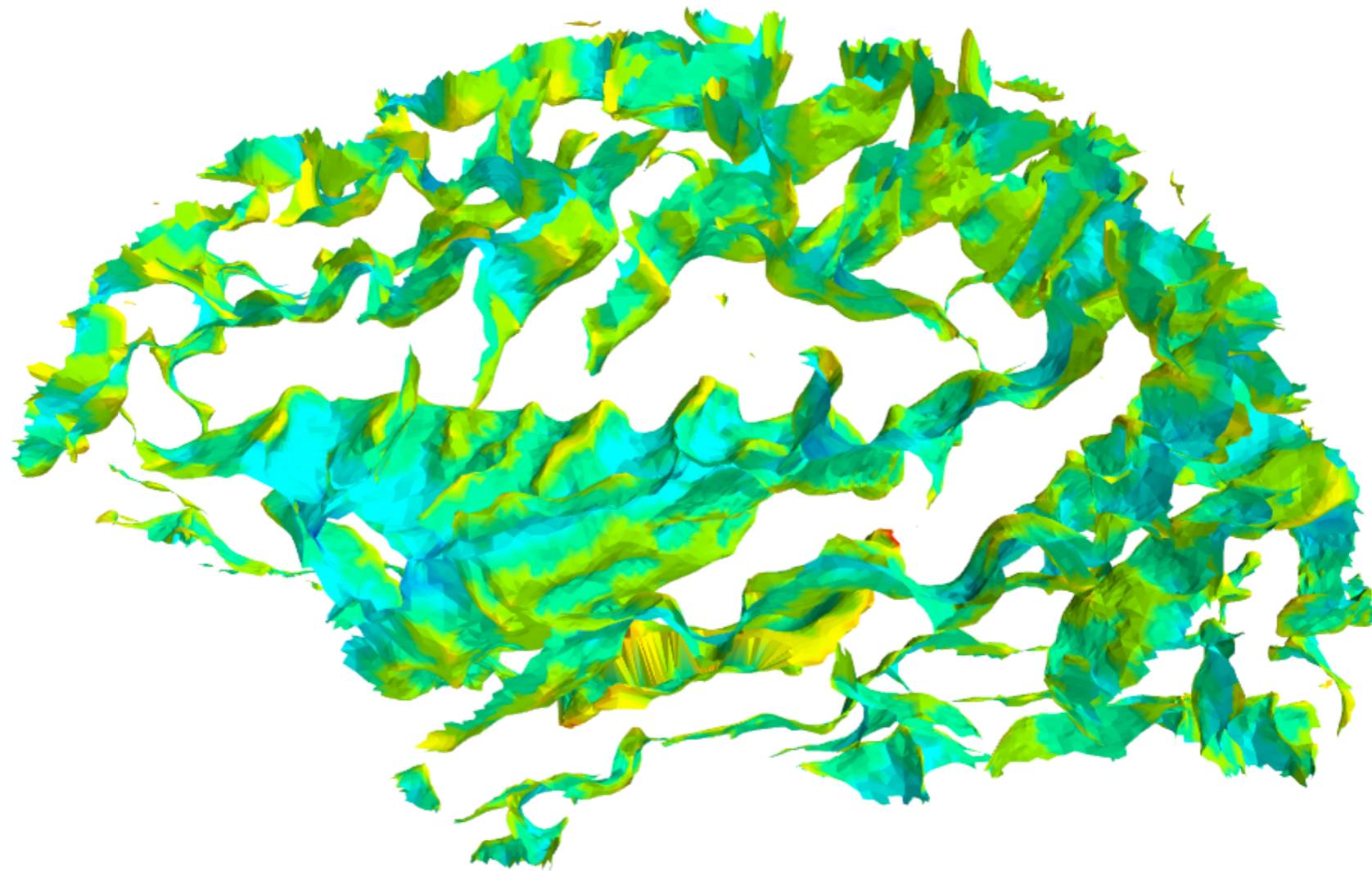


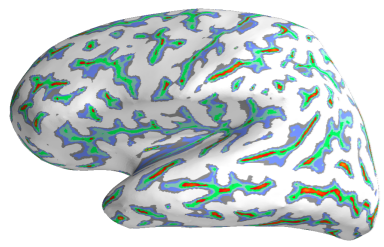
Travel depth



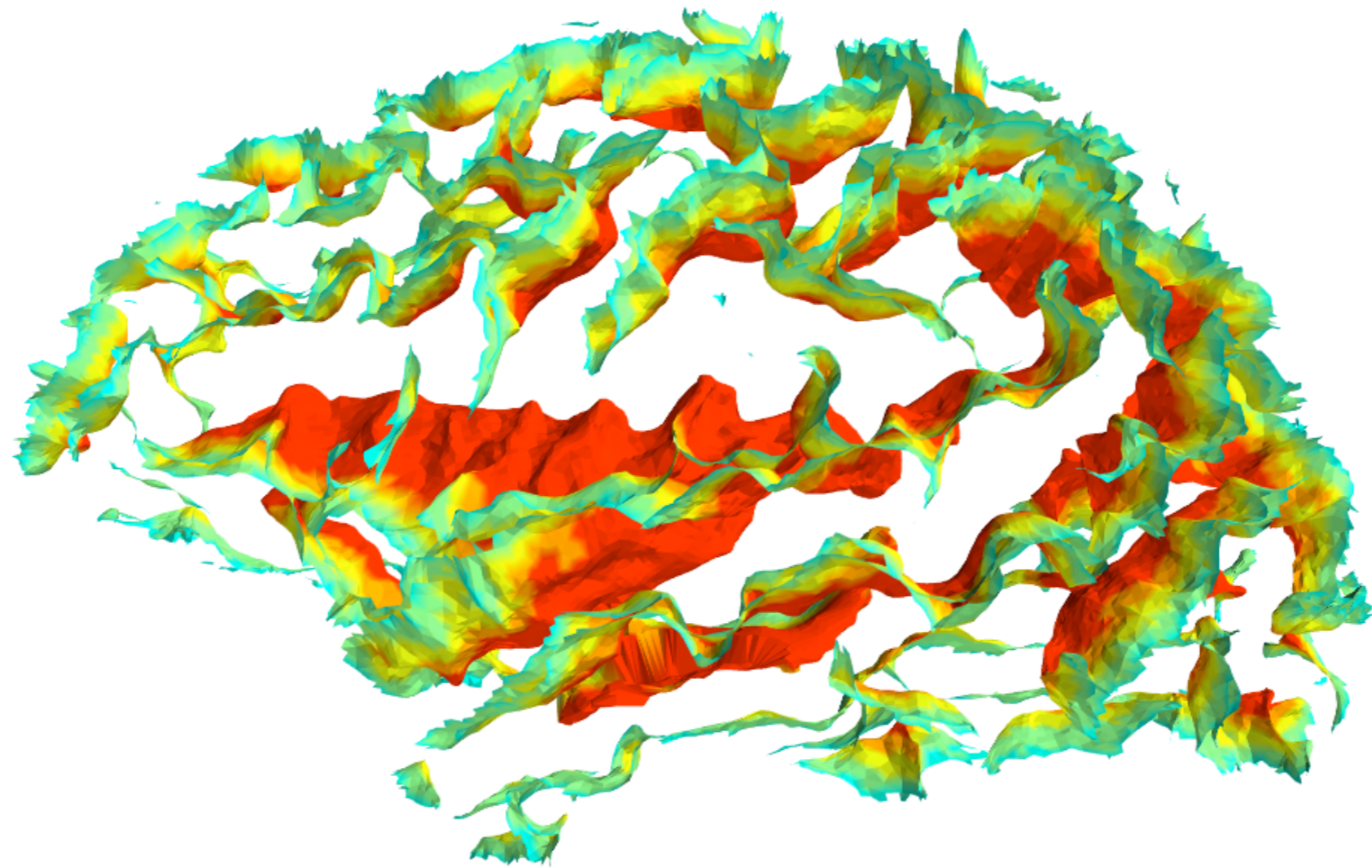


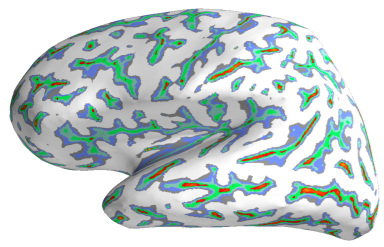
Mean curvature (folds)



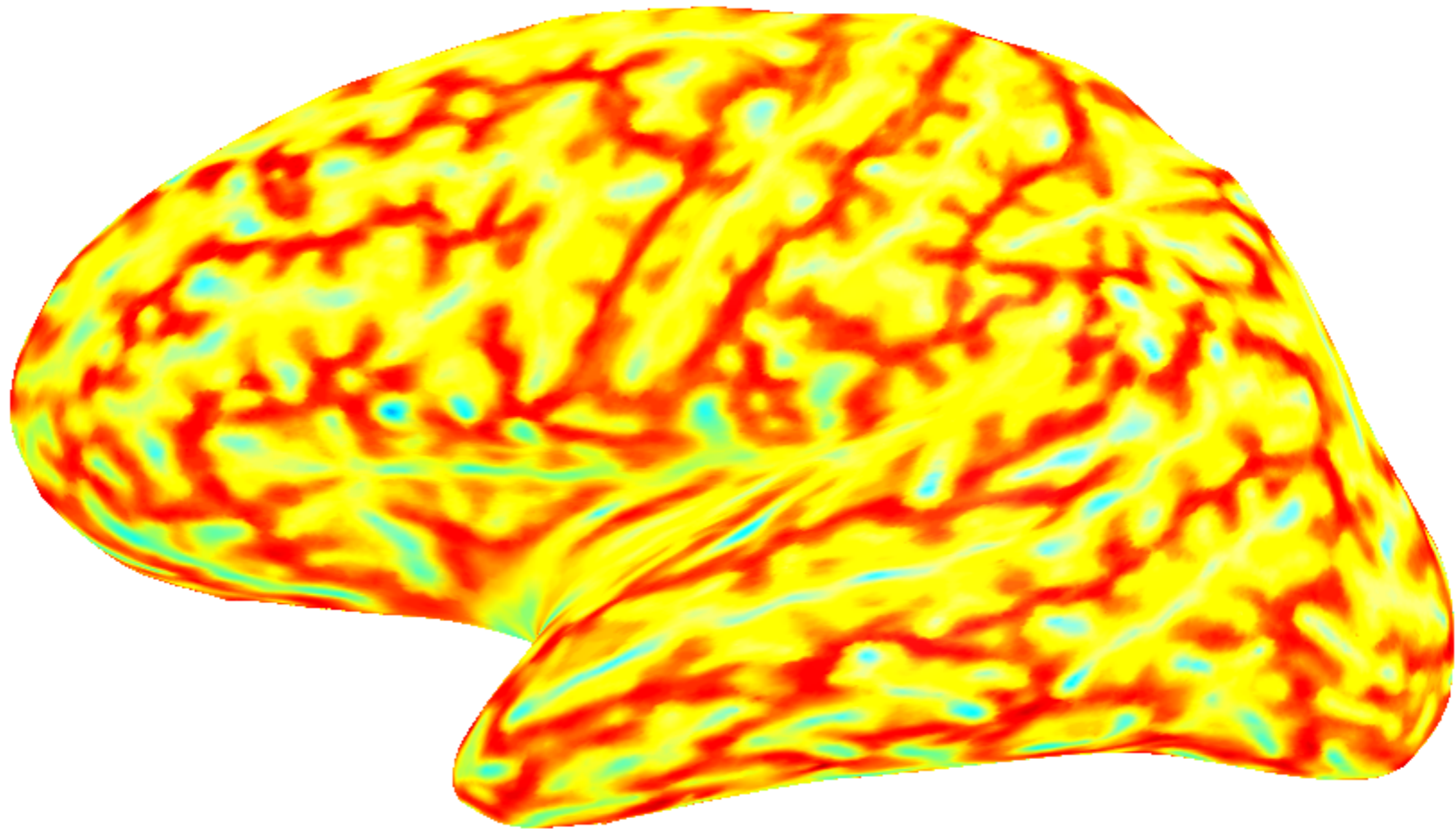


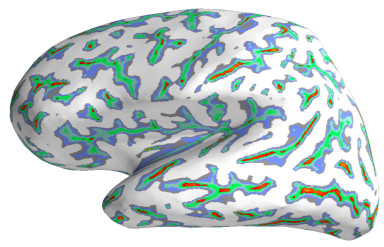
Travel depth (folds)



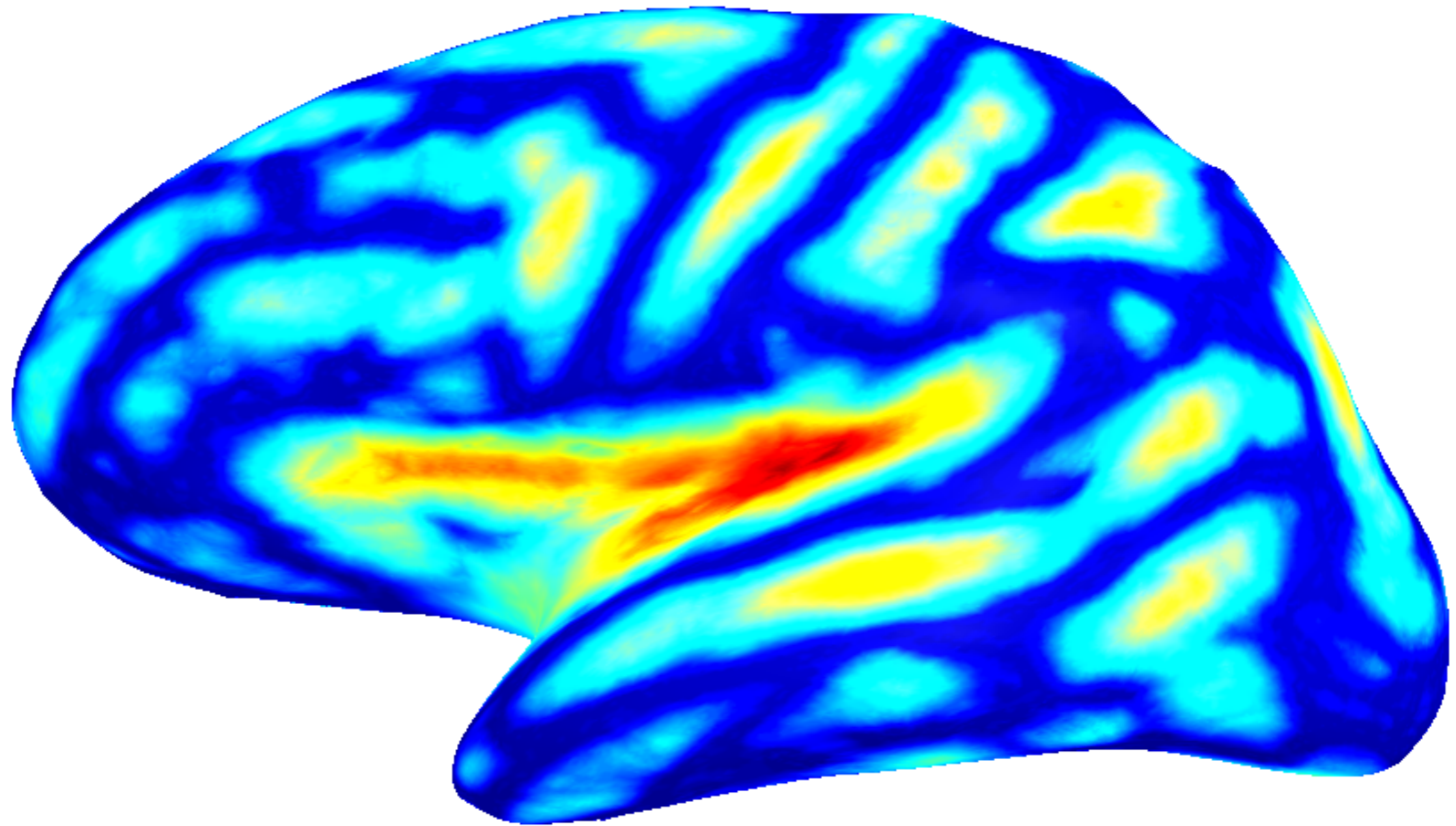


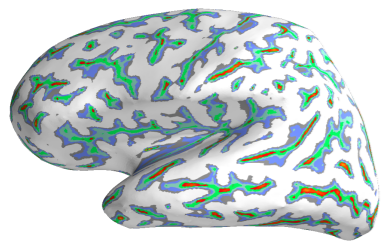
Mean curvature (inflated surface)



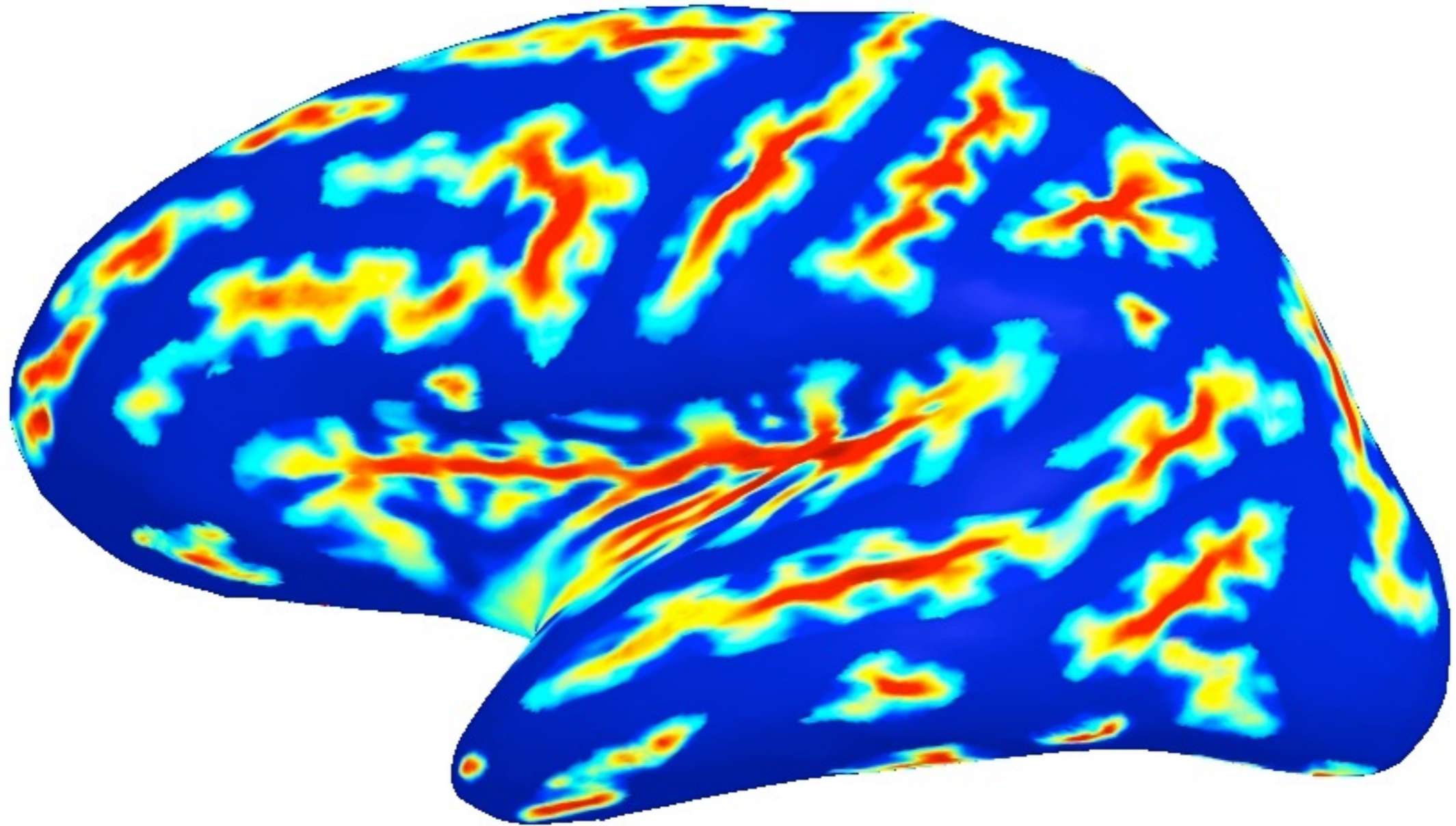


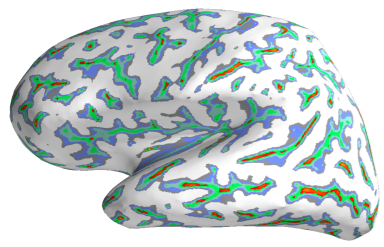
Travel depth (inflated surface)



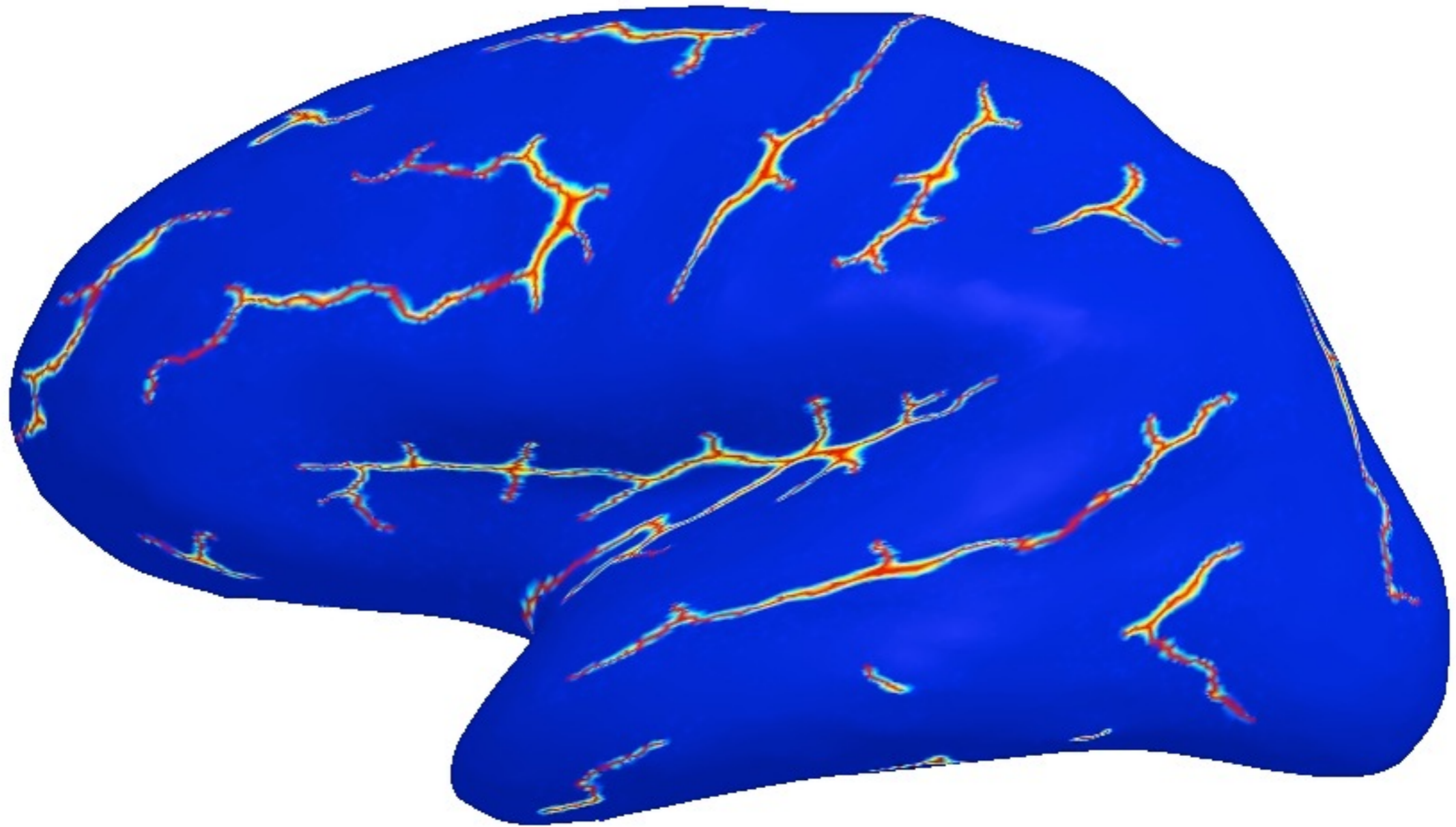


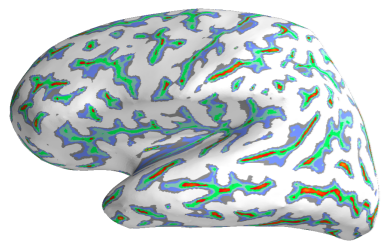
Fundus curves



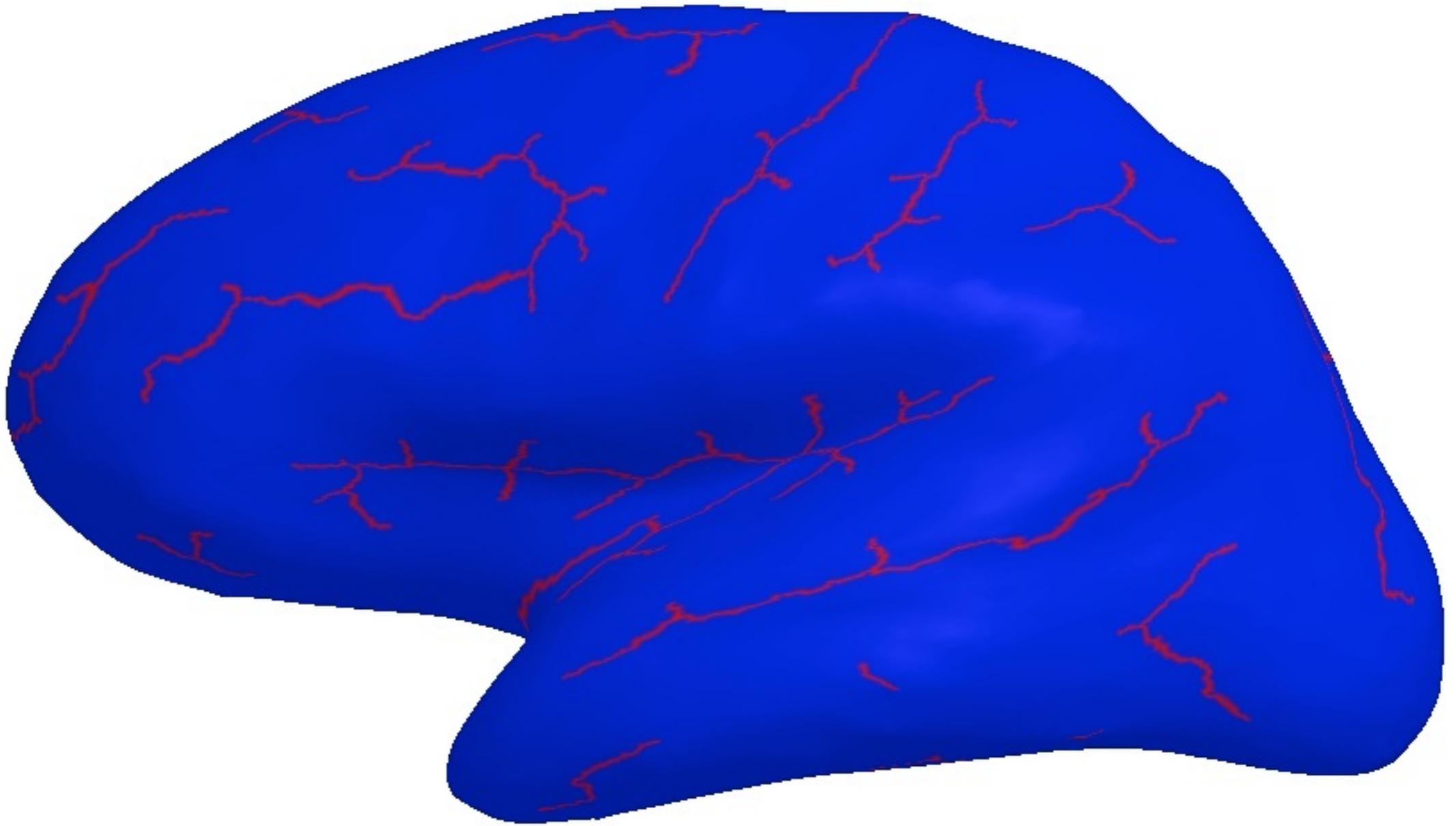


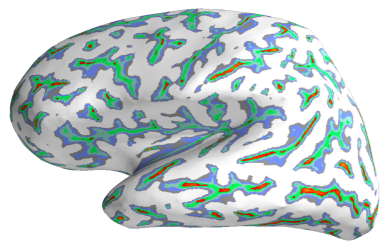
Fundus curves





Fundus curves





Folds + fundus curves

